

MANUFACTURERS RECORD

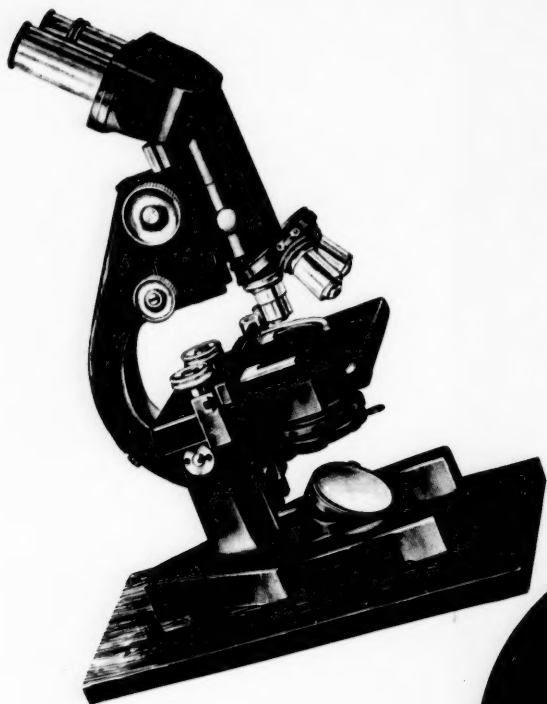
It's Up To You

A NATIONALLY planned economy cannot operate in a free society because plans are worthless without power to enforce them. For this reason increasing power in the hands of big government means ever decreasing liberty for the individuals governed.

American constitutional government has encouraged our unique American economic system, and, at the same time, fostered and protected our individual liberties. It has its defects but it is the best that has been devised to provide individual freedom, material benefits, and security.

Big government should be deflated by returning to the states, or to the people, all activities that do not come within the essential scope of a national government.

If the decision to do just this is not made in next month's election, the areas of personal freedom will shrink with the continuing mushrooming of government and the dynamic American system will sink into some form of decadent totalitarianism.



★ phosphate for the manufacture of industrial chemicals

★ phosphate for the manufacture of complete fertilizers

★ natural ground rock phosphate for direct application to the soil

Phosphate mines and plants in Florida at Noralyn, Peace Valley, Achan, Mulberry; in Tennessee at Mt. Pleasant and Wales.



high grade phosphate

for industry and agriculture



phosphate division

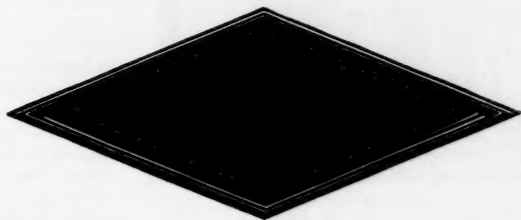
**INTERNATIONAL MINERALS
& CHEMICAL CORPORATION**

General Offices: 20 North Wacker Drive,
Chicago 6

This advertisement is appearing currently in magazines reaching fertilizer manufacturers

with STEEL SHIPPING PAILS

for Food Products, Paints and Lacquers, Industrial and Agricultural Chemicals, Petroleum Products, Pesticides and Disinfectants, Printing Ink.



VULCAN Steel Container Co.

occupies a modern plant, designed and equipped throughout solely for the manufacture of steel shipping containers; centrally located for prompt service.



Hi-Bake Linings—the result of long and extensive laboratory research in the development and practical application of impervious linings for a wide variety of products.

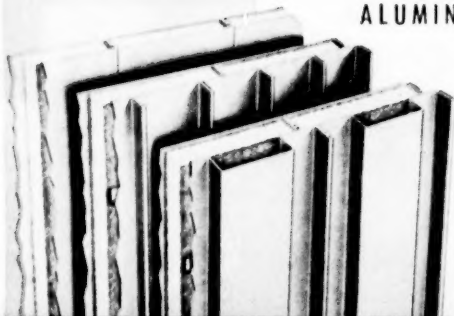
Warehouse Stocks for prompt delivery of small quantities or carloads are maintained of all trade sizes. Special sizes upon request.

Write for Information . . . Samples upon Request

INSULATED

METAL WALLS

for INDUSTRIAL and COMMERCIAL BUILDINGS
ALUMINUM, STAINLESS or GALVANIZED STEEL



FLUSH, RIBBED, or FLUTED
Over-all "U" Factor of Various Types is Equivalent
to or Better than Conventional 16" Masonry Wall

Powerhouse at the New Lincoln-Mercury Plant, Wayne, Michigan. One of the seventeen separate buildings included in the five plants referred to in this adv.

As evidence of the trend to Insulated Metal Walls in modern construction, the following statements are presented: 520,000 sq. ft. of Mahon Insulated Metal Walls with aluminum exterior plates were employed in the construction of three complete new industrial plants built by one manufacturer in three widely separated localities. More than 66,000 sq. ft. of the same type of wall was employed in the construction of two complete new plants for another manufacturer. In the five new plants referred to, there were seventeen separate buildings of various industrial types. The fact that additional plants were subsequently built by both of these manufacturers, employing the same identical wall construction in each case, indicates the degree of enthusiasm among architects and owners for the striking appearance of the finished buildings, as well as the time and labor-saving advantages of this type of permanent, firesafe construction. Mahon "Field Constructed" Insulated Metal Walls can be erected up to fifty feet in height without horizontal joints—a feature of Mahon walls which is particularly desirable in powerhouses and other buildings where high expanses of unbroken wall surface are common. For complete information and specifications, see Sweet's Files or write for Catalog No. B-53-B.

THE R. C. MAHON COMPANY

Detroit 34, Mich. • Chicago 4, Ill. • Representatives in All Principal Cities

Manufacturers of Insulated Metal Walls; Steel Deck for Roofs, Partitions and Permanent Concrete Floor Forms; Rolling Steel Doors, Grilles, and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.



MAHON

MANUFACTURERS RECORD FOR

MANUFACTURERS RECORD

ESTABLISHED 1882

Devoted to the Industrial Development of the South and Southwest



Volume 121

October 1952

Number 10

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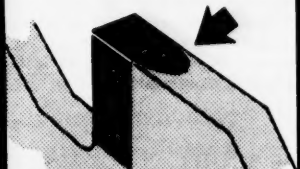
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OCTOBER NINETEEN FIFTY-TWO

SLIT SLOT SAW

WITH "THINSAW"

Exclusive Gay-Lee design —
the carbide tip with cir-
cular seat permits secure
tip brazing. Now you can
use carbide without worry-
ing about tips breaking
loose. Insures long saw life.



CIRCULAR SEAT
GIVES GREATER
BRAZE AREA —
BETTER
TIP SUPPORT

NOW UP
TO 8" DIA.

5" DIA. AND
UNDER, THIN
AS .030"

WRITE
FOR DATA

Patent
applied for

GAY-LEE COMPANY

SAW • N • MITCHELL

BUSINESS TRENDS

Good Business Expected For 4th Quarter

THE NATION

A condition of solid stabilization characterizes the national economy as it swings into the fourth quarter of the year.

Except for waning effects of the steel strike, weakness is not apparent in any department of business so far as the immediate outlook is concerned.

In some sectors, notably retail trade and consumer goods production, slight but definite upturns are in evidence.

The coming fall, seasonally a period of expanding expenditures, gives promise, therefore, of giving a better account of itself than was experienced last year.

While a business rise of great consequence is not expectable, there appears mounting evidence that any downturn that may possibly be in the offing, lies a good number of months ahead.

THE SOUTH

The South, meanwhile, continues to give forth an excellent account of itself.

Suffering little as it has from the effects of the steel strike, the region is widening its lead over the nation as a whole with respect to manufacturing performance, and continues to outstrip the rest of the country in the category of new construction.

In trade volume, the South also is holding its own, and even a little more than that.

Especially encouraging for the region, is renewed life now making itself unmistakably apparent in the textile industry, and stepped-up performance in petroleum production and refinement.

Products of paper and pulp also are in the midst of an upward swing, and most other branches of Southern manufacturing are displaying a healthy tone.

ON THE UPWARD SIDE

Inventories having been trimmed all along the line, backlogs of orders on file are now beginning to expand again after a period of slow and moderate slump.

Commercial loans are expanding at greater than seasonal rate, indicating expansion of trade and construction.

Construction, as a whole, stands at an all time high. Prices are steady, with tendencies toward the upward side.

Consumer sales are active, and growing. Television and home appliances are moving less sluggishly.

A large backlog of investment spending lies ahead for the next few months at least. It includes large amounts of road building, railroad equipping, and utility expansion; also record capital outlays for plant expansion. American business has announced plans to lay out \$14.3 billion for expansionary purposes in the second half of 1952.

ON THE DOWNWARD SIDE

Downward indicators are shadows rather than immediate threat.

Investment expenditures are now high—very high—but can be expected to taper off. Expansion for production of government goods is rounding its peak; likewise, plant for production of consumer goods is now at high capacity when considered in the light of probable demand and labor supply.

While most Southern enterprise looks out upon lush markets, this is not true for coal producers; production of coal is running ahead of sales, and recent wage increases are likely to weaken competitive status.

Also it can be noted not only for the South but for the Nation that among consumer durables, automobile sales are not moving at an encouraging pace.

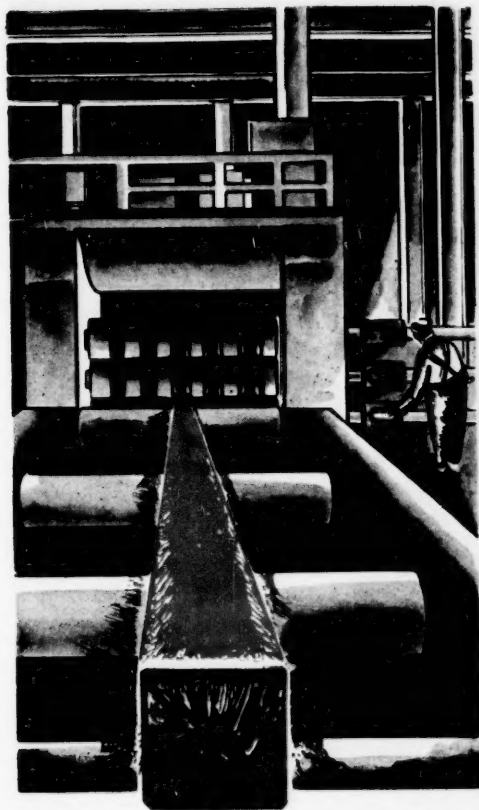
Another factor worth taking into consideration lies in the realm of credit. Much of the current improvement in retail trade is directly traceable to the effects of relaxed credit controls.

Total consumer credit is up \$1 billion since the first of the year, and is now expanding at the rate of \$250 per month.

To a certain extent, this movement indicates the commitment of future income for present needs, and may presage declining sales at some unpredictable future date.

Such a turn, however, would appear unlikely before the end of 1952, which is now expected to top 1951 in total business volume by not less than two per cent.

(Continued on page 9)



CONNORS QUALITY Is Being "Expanded," Too



The expansion program at **CONNORS STEEL COMPANY**, now nearing completion, means a 40% increase in production.

While this is important, even more so is the fact that **CONNORS'** long-recognized Quality also is being "expanded"... This is made possible by the addition of new, modern equipment, including another electric furnace, another reheating furnace plus an additional rolling mill.

New production equipment like this, backed up by other improvements in **CONNORS** modern control laboratory, means even higher Quality Steel from **CONNORS**: a name long respected by users of Quality Steel.

CONCRETE REINFORCING BARS • BARREL
HOOPS • FENCE POSTS • COTTON TIES



TOBACCO HOOPS • HOT ROLLED STRIP
HIGHWAY SIGN POSTS • MERCHANT BARS

CONNORS STEEL COMPANY

DIVISION OF H. K. PORTER COMPANY, INC.

BIRMINGHAM, ALABAMA



There's a NEW skyline on Your **INDUSTRIAL HORIZON**

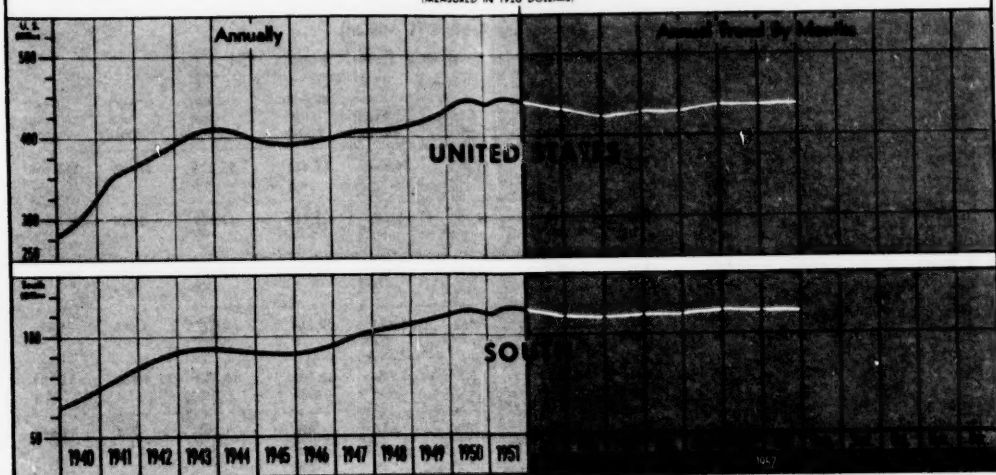
Investigate the advantages of moving your business into a new and growing industrial center which offers a host of opportunities to any businessman. Learn about this new frontier which is attracting a large number of industrialists because of its wonderful climate, excellent living and working conditions, recreational advantages and manufacturing potentialities. Adequate rail, truck, air and water transportation . . . plenty of electrical power . . . modern water systems . . . growing network of roads and highways.

For complete and detailed information on industrial advantages of this community, write to the —

CHAMBER of COMMERCE

WEST PALM BEACH, FLORIDA

PHYSICAL VOLUME
OF
ALL GOODS TURNED OUT BY PRIVATE ENTERPRISE
(MEASURED IN 1926 DOLLARS)



(Continued from page 7)

Regional Indicators

Farm Marketings (\$ Mil.)

	July 1952	June 1952	July 1951
South	\$ 721	\$ 690	\$ 703
Other States	\$1,976	\$1,671	\$1,938
United States	\$2,697	\$2,361	\$2,641

Construction (\$ Mil.)

	July 1952	June 1952	July 1951
South	\$1,022	\$1,006	\$ 896
Other States	\$2,048	\$1,976	\$1,891
United States	\$3,070	\$2,982	\$2,787

Mineral Output (\$ Mil.)

	July 1952	June 1952	July 1951
South	\$ 568	\$ 565	\$ 551
Other States	\$ 417	\$ 438	\$ 515
United States	\$ 985	\$1,003	\$1,066

Manufacturing (\$ Mil.)

	July 1952	June 1952	July 1951
South	\$ 4,477	\$ 4,499	\$ 3,940
Other States	\$15,467	\$15,875	\$14,163
United States	\$19,944	\$20,374	\$18,103

National Indicators

	July 1952	June 1952	July 1951
Personal Income (\$ Bil.)	\$ 264.2	\$ 266.7	\$ 254.5
Ave. Weekly Earnings (Mfg.)	\$ 65.84	\$ 66.98	\$ 64.24
Consumer Credit (\$ Mil.)	\$ 21,200	\$ 20,958	\$ 19,132
All Inventories (\$ Mil.)	\$ 69,299	\$ 69,541	\$ 70,268
Mfg. Inventories (\$ Mil.)	\$ 42,128	\$ 42,213	\$ 39,908
Trade Inventories (\$ Mil.)	\$ 27,171	\$ 27,328	\$ 30,360
Bank Debits (\$ Mil.)	\$131,960	\$129,870	\$110,756

	July 1952	June 1952	July 1951
Ave. Weekly Hours (Mfg.)	39.9	40.4	40.2
Carloadings	2,236	2,608	2,993
Consumer Prices ('35-'39=100)	190.8	189.6	185.5
Retail Prices ('35-'39=100)	211.8	210.6	206.6
Wholesale Prices ('47-'49=100)	111.8	111.2	114.2
Construction Costs ('47-'49=100)	122.1	120.8	116.1
Electric Output (mil. kw. hrs.)	37,007	36,052	35,435

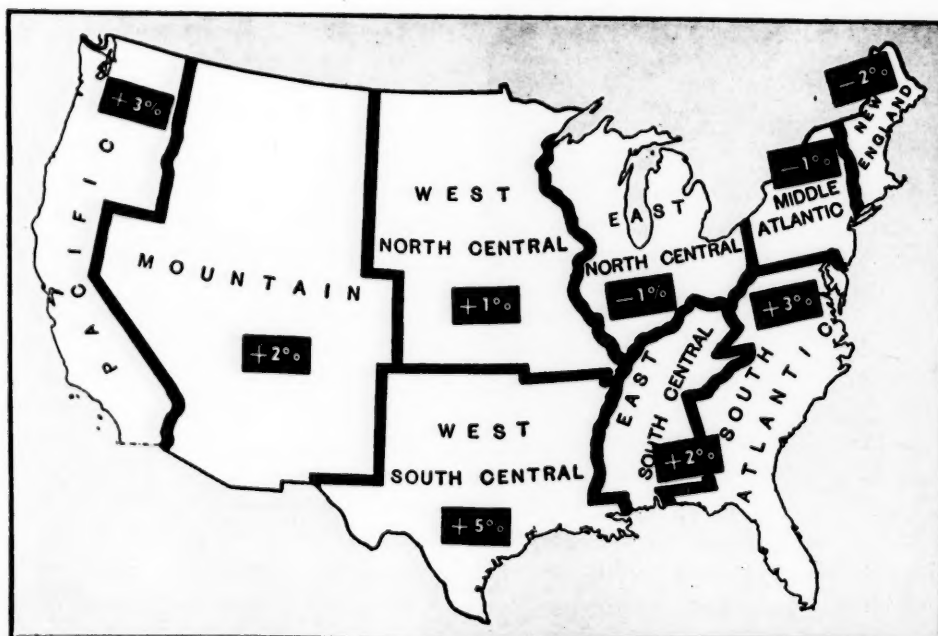
(Continued on page 10)

NATIONAL BUSINESS VOLUME

(Continued from page 9)

Business Volume by Regions (\$ Million)
First 7 months 1952 with gain (or loss) over First 7 months 1951

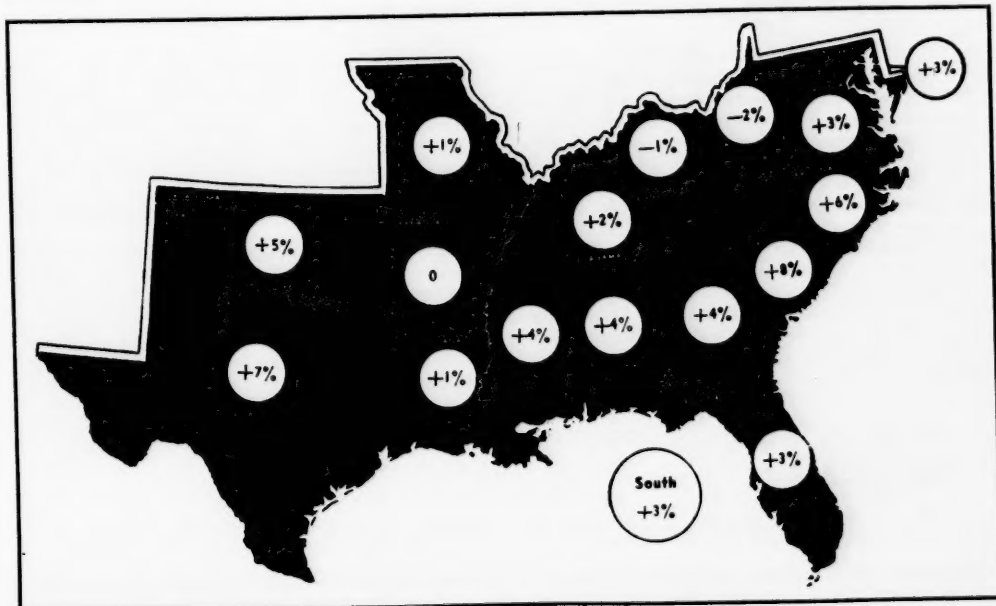
	Farm- ing	Min- ing	Con- struc- tion	Manu- factur- ing	Utili- ties	Fi- nance	Whole- sale Trade	Re- tail Trade	Serv- ice Trade	Busi- ness Volume
New Eng.	\$ 493 +3%	\$ 27 even	\$1,012 even	\$10,492 -1%	\$1,093 -3%	\$1,364 +4%	\$5,821 -12%	\$5,826 +4%	\$1,040 -2%	\$27,168 -2%
Mid. Atl.	1,236 -3%	745 -11%	3,268 -1%	34,192 -1%	4,980 +2%	5,393 +2%	33,119 -4%	17,709 +2%	5,229 +5%	105,871 -1%
E. N. Cen.	3,499 -1%	587 -10%	3,532 +16%	43,074 -2%	4,281 -2%	3,444 +6%	24,634 -7%	19,591 +4%	3,901 +3%	106,543 -1%
W. N. Cen.	4,497 -1%	518 -8%	1,421 +11%	10,903 +6%	2,066 even	1,474 +2%	12,758 -2%	8,597 +3%	1,386 +2%	43,620 +1%
S. Atl.	1,652 +6%	741 -3%	2,928 +16%	14,082 +1%	2,509 +3%	1,790 +6%	10,100 even	10,750 +6%	1,866 +4%	46,418 +3%
E. S. Cen.	1,005 +2%	478 -4%	978 +21%	5,667 +1%	1,013 +2%	613 +3%	4,824 -2%	4,343 +3%	768 +6%	19,689 +2%
W. S. Cen.	1,800 +11%	2,673 +4%	1,855 +6%	8,819 +7%	1,977 +4%	1,255 +11%	7,434 -2%	7,843 +9%	1,355 +3%	35,041 +5%
Mount.	1,049 +6%	825 +5%	719 -2%	2,163 +4%	848 +2%	410 +6%	2,447 -2%	2,989 +2%	554 +7%	12,004 +2%
Pacif.	1,981 +26%	718 -2%	1,941 -5%	12,705 +7%	2,168 +2%	1,872 +5%	9,673 -3%	9,122 +4%	2,334 +4%	42,514 +3%
U. S.	17,212 +4%	7,312 -1%	17,654 +7%	142,097 even	20,935 +1%	17,615 +4%	110,810 -4%	86,770 +4%	18,433 +4%	438,838 +1%



SOUTHERN BUSINESS VOLUME

Business Volume by States (\$ Million)
First 7 months 1952 with gain (or loss) over First 7 months 1951

	Farm- ing	Min- ing	Con- struc- tion	Manu- factur- ing	Utili- ties	Fin- ance	Whole- sale Trade	Re- tail Trade	Serv- ice Trade	Busi- ness Volume
Ala.	\$ 212 +20%	\$ 77 -15%	\$ 271 +30%	\$1,592 +1%	\$ 281 +8%	\$ 181 +11%	\$ 966 +2%	\$1,062 +2%	\$ 197 +6%	\$4,839 +4%
Ark.	249 +12%	70 -1%	148 -6%	507 -1%	156 -3%	73 even	464 -9%	713 +3%	107 +6%	2,487 even
D. C.	—	—	158 -12%	136 +5%	161 +8%	215 even	858 +5%	946 even	194 +4%	2,668 +1%
Fla.	327 even	41 -2%	470 +6%	698 +8%	365 +8%	294 +4%	1,326 -5%	1,744 +7%	301 +7%	5,566 +3%
Ga.	340 +17%	21 even	340 -1%	2,200 +3%	359 +2%	261 +14%	1,993 +1%	1,419 +4%	300 +10%	7,233 +4%
Ky.	332 -2%	289 even	246 +38%	1,637 -2%	297 even	137 even	1,135 -9%	1,186 +1%	201 +7%	5,455 -1%
La.	144 +8%	457 +12%	315 +10%	1,636 +4%	423 +6%	202 +10%	1,150 -15%	1,242 +9%	188 even	5,757 +1%
Md.	171 even	10 +40%	397 +4%	2,186 +2%	363 -1%	296 +4%	1,439 even	1,465 +9%	251 +1%	6,578 +3%
Miss.	189 -1%	82 +10%	130 +12%	596 +4%	128 -5%	70 even	596 +3%	655 +3%	104 +9%	2,550 +4%
Mo.	573 -12%	63 +12%	413 +18%	3,305 +4%	640 even	506 +2%	4,366 -1%	2,364 +3%	499 +3%	12,729 +1%
N. C.	245 +21%	14 +25%	559 +42%	3,589 even	353 +2%	222 +8%	1,930 +8%	1,618 +9%	277 +2%	8,807 +6%
Okla.	396 +31%	331 even	228 even	960 +10%	248 even	175 +4%	1,008 -2%	1,110 +5%	219 +10%	4,675 +5%
S. C.	144 -26%	7 even	376 +85%	1,547 even	140 +4%	94 +18%	604 +5%	889 +4%	125 +5%	3,926 +8%
Tenn.	275 even	44 even	328 +9%	1,813 +1%	306 +2%	223 +2%	2,147 even	1,470 +9%	257 even	6,863 +2%
Tex.	1,000 +7%	1,843 +5%	1,163 +7%	5,752 +8%	1,149 +6%	808 +14%	4,836 +2%	4,796 +11%	849 +4%	22,196 +7%
Va.	261 -6%	87 even	422 +10%	2,417 +2%	430 +6%	261 +4%	1,199 -2%	1,579 +9%	261 +3%	6,917 +3%
W. Va.	92 even	562 -5%	121 -2%	998 -4%	268 even	90 even	552 -8%	870 +3%	128 even	3,681 -2%
South	4,950 +5%	3,998 +3%	6,085 +13%	31,564 +2%	6,067 +3%	4,108 +6%	26,569 -1%	25,128 +6%	4,458 +4%	112,927 +3%





A Program for 30 million new Americans

LISTEN to the voices of 30 million new Americans. They are answering the pessimists who say we are threatened with depression because we can't keep our farms and factories busy.

Let these pessimists read the future in the census returns. There is a tremendous upsurge in our population. Last year nearly 4 million babies were born. By 1960 we shall total 170 million people—30 million more than when war ended in 1945. This adds to our domestic market more people than there are in Canada and Australia combined.

Providing for these 30 million new Americans can keep our production machinery going at capacity. They call for new hospitals, schools and churches. Larger families need bigger houses to replace post-war houses that are too small now. More and bigger

families need improved home equipment and more new automobiles. In short, to maintain and improve living standards for our children, we must work harder than ever before. To supply the needs of our 1960 population, including adequate national defense, it is estimated that the productivity of the individual worker must increase at least 30%, with additional investment of over 200 billion dollars in capital facilities.

There should be no room in this picture for depression. But we must have economy in government, elimination of waste and extravagance and a reduction of taxes and public debt. If we encourage private incentive, thrift and investment, we can bring about the greatest advance in health, wealth and happiness that America has ever known.



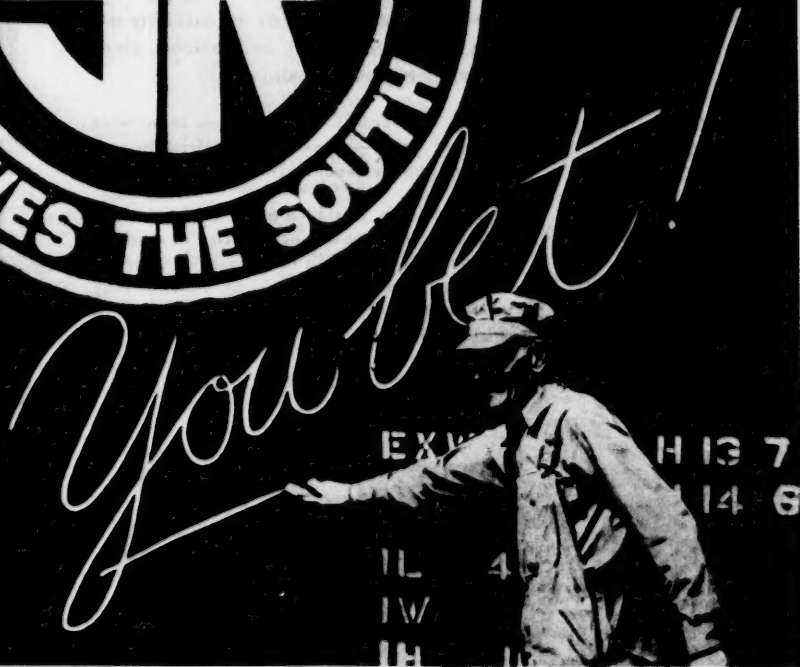
The Youngstown Sheet and Tube Company

General Offices—Youngstown 1, Ohio

Export Offices—500 Fifth Avenue, New York

MANUFACTURERS OF CARBON ALLOY AND YOLOY STEELS

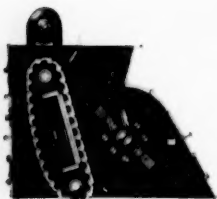
RAILROAD TRACK SPIKES - CONDUIT - HOT AND COLD FINISHED CARBON AND ALLOY BARS - PIPE AND TUBULAR PRODUCTS - WIRE - ELECTROLYTIC TIN PLATE - COKE TIN PLATE - RODS - SHEETS - PLATES.



HERE'S A RAILROAD SLOGAN THAT'S REALLY JUST A SIMPLE STATEMENT OF FACT.

Because east of the Mississippi and south of the Ohio and Potomac rivers, the lines of the Southern Railway System serve every state except West Virginia, and a line also reaches out across Indiana and Illinois to St. Louis. With diesel power, new and modernized yards, terminals and other facilities—and a personnel eager to please—there's a world of meaning in our slogan "The Southern Serves the South."

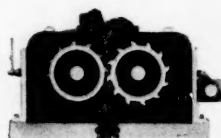
SOUTHERN RAILWAY SYSTEM



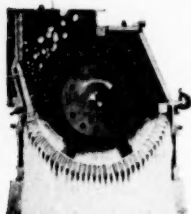
MUD HOG Crushers with traveling breaker plate



Single Roll, Double Roll and **FLEXROLL** Crushers



MIRACLE HAMMER Crushers for large capacities — large feed



Type A Crusher with swing hammers

HIGH CAPACITY UNIFORM REDUCTION

A Complete Line of crushers, pulverizers, shredders for reducing all classes of material to desired size. Several types are shown.

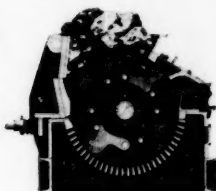
Built for specific applications — in a wide range of sizes — some with metal catchers — to suit capacity requirements.

Our modern test laboratory enables us to determine the proper type and size of machine best suited to the need in advance of expenditure or installation. Sample of material may be furnished, if desired, with results kept in strict confidence.

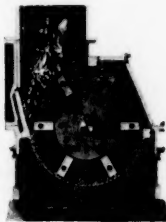
CRUSHER DIVISION



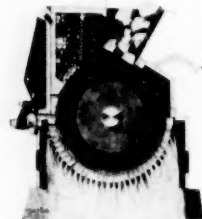
Bale Breakers, Pulp Lap and Crude Rubber Shredders



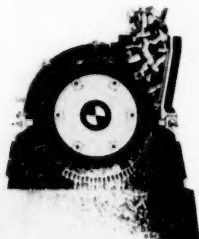
FLEXTTOOTH and Rotary Ring Crushers



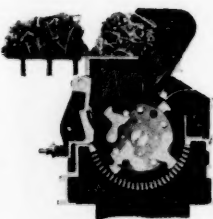
Screenings Shredders for chips, sewage, etc.



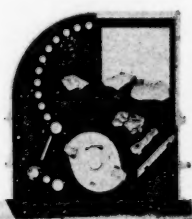
Type B Crusher with swing hammers



Type E Shredders for food or wood products



FLEXTTOOTH Metal Turnings Crushers



ROCKBUSTER for reducing hard, friable material

JEFFREY

MANUFACTURING COMPANY

926 North Fourth St., Columbus 16, Ohio

Atlanta 2	Boston 10	Chicago 2	Dayton 13	Denver 2	Detroit 10	El Paso 2	Evansville 2	Galveston 2	Hammond 2	Indianapolis 2	Jefferson City 2	Los Angeles 2	Memphis 2	Minneapolis 2	Mobile 2	New Orleans 2	New York 2	Philadelphia 2	Pittsburgh 2	Portland 2	Racine 2	St. Louis 2	St. Paul 2	Tampa 2	Waco 2	Wichita 2
Buffalo 2	Butte 2	Cleveland 10	Fort Worth 2	Grand Rapids 2	Hartford 2	Houston 2	Kansas City 2	Louisville 2	Macon 2	Madison 2	Marion 2	Meriden 2	Mobile 2	Monroe 2	Muskegon 2	Nashville 2	Oak Ridge 2	Oklahoma City 2	Omaha 2	Orlando 2	Portland 2	Portland 2	Portland 2	Portland 2	Portland 2	Portland 2
Jeffrey Mfg. Co. Ltd., Montreal, Canada	The Galton Iron Works Ltd., Glasgow, Scotland	Galton (Great Britain) Ltd., Glasgow, Scotland	The Ohio Machine & Tool Co., Cincinnati, Ohio	The Williams & Jacobs Mfg. Co., Baltimore, Md.																						



NEW AND EXPANDING PLANTS

COMPILED FROM REPORTS PUBLISHED IN THE DAILY CONSTRUCTION BULLETIN

ALABAMA

ALABAMA—Following granted certificates of necessity by Defense Production Administration for expansion purposes: Taylor-Wharton Iron and Steel Co., Birmingham, for railroad equipment to cost \$359,932; Shook and Fletcher Supply Co., Woodstock, Iron ore, \$214,727; Butler Manufacturing Co., Birmingham, prefabricated steel buildings for the armed services, \$527,720, and a similar project, cost \$255,529.

ALABAMA—Plantation Pipe Line Co., Atlanta, Ga., plans booster station near Clanton, Ala.

ATHENS—Athco Mills, Div. Holeproof Hosiery, garment Suits Lisher & Clouton, Vice Clinic Bldg., Meridian, Miss., Archts.

BIRMINGHAM—Birmingham Paper Co., Marcus McClellan, Jr., Vice-Pres., plans office building and building remodeling, 6th Ave. and 21st St. South, & Renneker, 2021 6th Ave., North, Archts.

BIRMINGHAM—Cosby-Hodges Milling Co., 1501 First Ave., S., plant-building, 16th St. N.

BIRMINGHAM—Goodyear Tire & Rubber Co., Akron, Ohio, Goodyear District Building, S. 10th St. Horace M. Weaver & Co., 2917 Highland Ave., Archts.

BIRMINGHAM—Southern Natural Gas Co. has FPC approval for additional pipeline capacity, est. cost \$5,288,600.

BIRMINGHAM—Hawley Laundry & Cleaning Co., Percy W. Brower, Jr., \$25,771 alterations and additions to laundry, P. S. Mewhinney, 1022 S. 21st St., Archt.

BIRMINGHAM—Vulcan Steel Container Co., Gordon D. Zuck, Chicago, Ill., plant at 3315 35th Ave., North.

BIRMINGHAM—Fred Watkins negotiated contract for warehouse building and office and warehouse building, Cotton Ave. & 4th St. W., to be leased to Western Union & Parolan, \$45,000. Miller, Martin & Lewis, Title Guarantee Bldg., Archts.

KANSLEY—Union Supply Co., warehouse addition, Shaw & Renneker, 2021 Sixth Ave., N. Birmingham, Archts.

GORDO—City plans natural gas system, cost \$124,598.

LINLEVILLE—Hubbard Pants Co., Bremen, Ga., \$88,280 addition to Linleville Manufacturing Co. building, David S. Cuttino & Assocs., Atlanta, Ga., Archts.

LINLEVILLE—Linleville Manufacturing Co. plans addition to manufacturing plant and a building to house boiler plant. David S. Cuttino, Jr., & Assocs., 1022 Mortgage Guarantee Bldg., Atlanta, Ga., Archts.

ROANOKE—The Bryant Manufacturing Co., Villa Rica, Ga., signed contract with Roanoke Chamber of Commerce for new shirt factory, to be known as Roanoke Manufacturing Co. Buildings being remodeled and renovated for the new plant.

TALLADEGA—Newbury Manufacturing Co. plans brick house, Nelson Smith, Brown-Mark Building, Birmingham, Archts.

TUSCALOOSA—The B. F. Goodrich Co., L. H. Finley, Purchasing Agent, tank and pipe lining building.

ARKANSAS

ARKANSAS—Schlegel Manufacturing Co., Rochester, N. Y., plans relocating in Arkansas or Mississippi for manufacture of interior trim for automobiles.

BLITHEVILLE—Arkansas Missouri Power Co. to lay 43 miles of pipeline to extend from company's Jim Hill plant near Campbell, Mo., to Blitheville.

LITTLE ROCK—Midsouth Gas Co. requests permission from FPC to start work on \$7,000,000 expansion program.

FLORIDA

FLORIDA—Schlegel Manufacturing Co., Rochester, N. Y., plans relocating in Arkansas or Mississippi for manufacture of interior trim for automobiles.

FLORIDA—Following granted certificates of necessity by Defense Production Administration for expansion purposes: Trade Engraving Co., Orange City, Orlando, precision tools, \$11,867; Virginia-Carolina Chemical Corp., Nichols, Crystalite, \$474,000; Florida Ore Processing Co., Melbourne, rutile, \$164,428.

FLORIDA—Smith-Douglass Co., Inc., Norfolk, Va., has acquired more than 38 per cent of common stock of Coronet Phosphate Co.

DANIA—Acme Fast Freight, Inc., 2430 N.W. 74th St., Miami, \$36,000 warehouse, N.W. Third Ave.

GONZALES—Louisville & Nashville Railroad Co. has DPA approval for railway transportation, \$40,175.

HIALEAH—Atlantic Shores Broadcasting Co. & W. E. Kinney, 1505 S.W. 32nd Ave., Miami, to build radio broadcasting station, E. 5th Ave.

HIALEAH—Donson Corp., 1180 E. 24th St., \$29,000 office and showroom addition, Nims, Inc., 2862 Coral Way, Miami, Archts.

JACKSONVILLE—General Motors, N. C. Dezenford, Vice-Pres. & Genl. Mgr., plans tripling capacity of electro-motive division plant, cost approx. \$2,000,000.

LEESBURG—Leesburg Freezer Corp., J. M. McDonald, Pres., Miami Beach, plans cold storage plant; clearing of land and construction of temporary office buildings has begun.

MELBOURNE—Florida Ore Processing Co. has DPA approval for plant expansion, \$161,428.

MIAMI—Hewes Boat Co., 412 N.W. River Drive, processing and assembly plant, 400 block N.W. North River Drive, \$20,000. Robert E. Collins, 3500 Main Highway, Coconut Grove, Archt.

New and Expanding Plants Reported in September—220

Total for

First Nine Months of 1952

1,654

First Nine Months of 1951

1,766

MIAMI—Miami Stations, Inc., 1118 N.E. 2nd Ave. showroom and storage building, 1114 N.E. 2nd Ave., \$31,875. A. Herbert Mathes, 605 Lincoln Road Bldg., Miami Beach, Archt.

MIAMI—Spector & Sons, 575 S.W. 22nd Ave., \$75,000 warehouse, 6750 N.E. 4th Court, Charles Paul Nelder, 1104 Avenue C, Archt.

MIAMI BEACH—Southern Bell Telephone & Telegraph Co., 1538 Lenox Ave., let contract for building foundation, \$300,000. J. Warren Armistead, Jr., 1330 Candlier Bldg., Atlanta, Ga., Archt.

NICHOLS—Virginia-Carolina Chemical Corp. granted certificate of necessity by DPA for \$4,500,000 phosphate fertilizers.

ORLANDO—Holler Chevrolet Co., 115 W. Central Ave., additions and alterations, James Gamble Rogers, II, Winter Park, Archt.

ORLANDO—Morgan-Rhein Co., J. W. Morgan, Pres., leased 12,000 sq. ft. floor space to manufacture sound equipment and electronic instruments.

PLYMOUTH—Plymouth Citrus Products Cooperative, cold storage warehouse, ante-room, covered platform, \$111,000.

POLK COUNTY—International Minerals & Chemicals Corp., granted certificate of necessity by DPA for producing uranium, \$800,000.

SANFORD—Hunter Coal & Ice Co., High Point, N. C., \$25,000 ice storage plant, W. 13th St.

GEORGIA

GEORGIA—American Telephone & Telegraph Co. plans new northbound television channel for occasional service from Miami, Fla. to Atlanta.

GEORGIA—Macon, Dublin & Savannah Railroad Co. has DPA approval for railway transportation, \$23,626.

GEORGIA—Plantation Pipe Line Co., Atlanta, Ga., plans booster stations near Franklin and near Armuchee, Ga.

ATLANTA—Massell Enterprises, Ben J. Massell, Pres., plans building to be leased to National Linen Service Corp., located at Glen Iris, Morgan and Dallas Sts., N.E. Cost bet. \$750,000 and \$1,000,000. Herbert A. Rawlins, Atlanta, Ga., Archt.

ATLANTA—Montag Brothers, Highland Ave., manufacturing plant and offices, Moscovitz, Willner & Millkey, 761 Peachtree St., N.E., Archts.

ATLANTA—Southern Railway Co. has DPA approval for railway transportation, \$40,175.

AUSTELL—Southern Railway Co. has DPA approval for railway transportation, \$34,193.

CLEVELAND—Talon, Inc., Meadville, Pa., ground broken for new zipper plant.

CUTHBERT—Cuthbert Motor Co., \$91,307 sales and service building, Hayburn S. Webb, Albany, Archt.

GAINESVILLE—Best Ice and Locker Co. has DPA certificate of necessity for public storage warehouse facilities, \$41,088.

JACKSON—Pepperton Cotton Mills, open room extension.

ROME—General Electric Co., W. M. Lockrow, General Electric Realty Corp., Box 1221, received bids in Schenectady, N. Y., office for transformer plant, Job 526.

ROME—General Electric Co. granted certificate of necessity by DPA for power distribution program, \$24,357,875.

LOUISIANA

CHALMETTE—Kaiser Engineers, Inc., let contract for roof and floor drains, metal service building, Kaiser aluminum plant.

GONZALES—East Louisiana Telephone Co., Inc., F. N. Banker, Pres., outside plant and station telephones, \$278,654.

JENA—City approved \$467,000 bond issue for improvements and extensions to natural gas system.

LAKE CHARLES—Davidson Sash & Door Co. plans addition and remodeling of warehouse, \$42,395. Dunn & Quinn, 1735 South St., Archts.

LA SALLE & FRANKLIN PARISHES—La Salle Telephone Co., Inc., Jena, to install new telephone lines and rehabilitate lines.

NEW ORLEANS—Boland Machine & Manufacturing Co., Inc., machine shop and office building.

NEW ORLEANS—Deluxe Laundry, 5325 Canal Blvd., alterations and remodeling building, \$21,179. Shourds & Mogabgab & Louis Bierhorst, Assoc., Archt., Audubon Bldg.

NEW ORLEANS—Dixie Bearing, Inc., plans one-story warehouse and office building, Tchoupitoulas & Howard Ave., Patrick M. Allison & Assocs., 315 St. Charles St., Archts-Engrs.

NEW ORLEANS—Gold Seal Creamery, 520 S. Alexander St., two-story creamery building, \$200,000. Edward De Armas, 707 American Bank Bldg., Archt.

SHREVEPORT—Querbes Co., 214 Millam St., one-story warehouse, Culpepper & Lindwood Sts. at Texas Ave., to be leased to Interstate Electric Co. William S. Evans, Arditi Bldg., Archt.

SLIDELL—Schneider Brick & Tile Co., Inc., steel roof structure over continuous kiln.

WEST BATON ROUGE—Interstate Oil Pipe Line Co., 52 miles 16-inch trunk line bet. company's Sunset, La., pump station in St. Landry Parish, and Anchorage Terminal, West Baton Rouge Parish.

MARYLAND

MARYLAND—Chesapeake & Potomac Telephone Co., Baltimore, Board of Directors, authorized expenditure of \$60,000 for expansion and improvements throughout state.

MARYLAND—Frederick Gas Co., Inc., Frederick, plans natural gas pipeline from Redlands, Md., to Frederick, \$226,000.

BALTIMORE—Associated Cannery Co., 2412 Aisquith St., \$90,000 office and shop, 2141 Kennedy Ave.

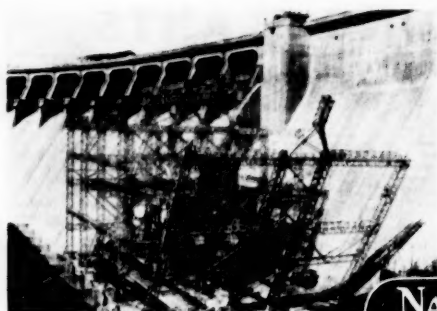
BALTIMORE—Bruning Brothers, addition to building, 4209 Chase St., \$45,000. Cyril H. Hebrank, 20 E. Lexington St., Archt.

BALTIMORE—Central Wholesale Co., Inc., 415 N. Central Ave., \$41,500 warehouse, 1701 S. Ponchartraine, Sidney Kalin, 2506 Cold Spring Lane, Archt.

BALTIMORE—Consolidated Grocers, Inc., addition to warehouse, 1300 S. Monroe St. Lucius R. White, Jr., Archt.

BALTIMORE—East Coast Freight Lines, 319 E. Cold Spring Lane, \$20,000 office building and loading platform, 400 S. Janney St.

(Continued on page 16)



THE Nashville Bridge Company will gladly quote on structural steel requirements anywhere in the South and Southwest. Our skill in the fabrication and erection of intricate steel structures is well-known. We are particularly qualified to supply the Power Distributing Industries with transmission towers and switchyard structures—hot-dip galvanized after fabrication. Fabrication and erection of both steel and machinery for movable type bridges is a specialty. Look to Nashville for simple steel requirements as well as intricate structural jobs.

Plants and offices in Nashville, Tennessee and Bessemer, Alabama. We also own and operate the Bessemer Galvanizing Works—largest galvanizing plant in the South.



NASHVILLE BRIDGE COMPANY
NASHVILLE, TENN. — BESSEMER, ALA.

NEW AND EXPANDING PLANTS

(Continued from page 15)

BALTIMORE—Harry Farhman alterations to building, 572 N. Gay St. David Harrison, 421 St. Paul St. Archt.

BALTIMORE—Gilbert Cummins Co. \$30,000 factory, 2900-02 Frederick Ave. Harry L. Katz, 3212 Gwynns Falls Parkway. Archt.

BALTIMORE—Kane Transfer Co., 921 E. Fort Ave., \$37,500 truck terminal, 1203 E. Fort Ave.

BALTIMORE COUNTY—Joseph J. Martin Co., 10 S. High St. Baltimore, plans warehouse, Pulaski Highway and Red House Run.

BALTIMORE COUNTY—Albert N. Smith, 211 E. Pleasant St., \$30,000 storage building, Cane Run, east of Halethorpe Farms Road.

BALTIMORE COUNTY—Henry W. Wurst, 2109 Gwynn Oak Ave., plans shop.

CATONSVILLE—Rowley Motors, Inc., garage alterations and additions, 923 Frederick Ave.

HARFORD COUNTY—Consolidated Gas Electric Light & Power Co. of Baltimore, plans \$100,000 Belair-Fountain Green Distribution Center.

MISSISSIPPI

BYHALIA—Board of Supervisors of Marshall County, industrial building, Northern and Windrow, 236 Court, Memphis, Tenn., Archt.

COLUMBUS—Oldbury Electro-Chemical Co., Niagara Falls, N. Y., \$3,500,000 plant.

PASADENA—Gulf Improvement Co., Incorporated by Maurice T. Reed and Tom L. Reed, Jackson and Belzoni, \$7,515,000 phosphate plant, and \$7,515,000 ammonia and nitrogen plant.

VIKSBURG—Mississippi Power & Light Co., plans transmission line over and across Big Sunflower River.

VIKSBURG—Vicksburg Tank Co., Inc., has DPA approval for plant expansion, \$22,950.

WINONA—Board of Supervisors of Montgomery County received bids for new factory to be occupied by Screw Conveyor Corp. Bill Archer, WMOX Bldg., Meridian, Archt.-Engr.

YAZOO CITY—Mississippi Chemical Corporation, plant expansion, City-approved issuance of \$750,000 bond issue.

MISSOURI

ST. LOUIS—Big Four Automobile Co., 2100 S. Jefferson Ave., additions and alterations to sales and service building, Kenneth E. Wischmeyer, 911 Locust St., Archt.

ST. LOUIS—Johnston Foil Manufacturing Co., 6106 S. Broadway, \$30,000 warehouse addition, 133 Iron St.

ST. LOUIS—Multiplex Faucet Co., 4323 Duncan Ave., office and factory, 1400 Ferguson Ave., Pagedale.

ST. LOUIS—Papin Investment Co., plans warehouse, 2701 Papin St.

ST. LOUIS—Reynolds Metal Co., 4144 Lindell Blvd., \$200,000 alterations to warehouse, 7734 Hall St., to be leased to Falstaff Brewing Corp., 3617 Olive St.

ST. LOUIS COUNTY—Alumna-Kraft Manufacturing Co., 1330 N. Rock Hill Road, addition to warehouse.

NORTH CAROLINA

ASHEVILLE—Mills Manufacturing Corp., Ernest A. Mills, Pres., New York, N. Y., proposes plant to manufacture parachutes at Woodfin.

ASHEVILLE—Southern Railway Co. has DPA approval for railway transportation, \$358,325.

CHARLOTTE—Southern Knitwear Mills, Inc., one-story plant.

LOWELL—Southern Bell Telephone & Telegraph Co., plans Telephone Building, Armistead & Saggus, Atlanta Ga., Archt.

POMONA—Western Electric Co. granted certificate of necessity by DPA for \$1,047,747 electronic plant.

RALEIGH—Southeastern Radio Supply Co., remodeling and reconstructing building, Hillsboro St. G. Milton Small, Archt.

RANDOLPH—Rex Mills, Inc., plans new laboratory.

WILMINGTON—J. T. Lee plans \$110,000 tobacco curing factory, Greenfield Creek and South Front St.

WINSTON-SALEM—Western Electric Co., Inc., plan one-story building on 60-acre site.

OKLAHOMA

DUNCAN—Halliburton Well & Cementing Co., research laboratory and engineering building, \$425,930, Cotton & Frankfurt, 323 Madison, Oklahoma City, Archt.

OKLAHOMA CITY—Kerr-McGee Oil Industries, Inc., \$850,000 natural gasoline plant.

SOUTH CAROLINA

ANDREWS—Onelta Knitting Mills, Inc., plans \$167,000 building, Biberstein, Bowles & Meacham, Inc., 1600 Elizabeth Ave., Charlotte, N. C., Archt.

FLORENCE—The Jefferson Standard Broadcasting Co. applied to FCC for permission to operate a \$500,000 television station.

HARLEVILLE—Caroline Cement & Lime Co., has DPA approval for production of Portland cement, \$1,643,000.

LAKE CITY—Wentworth Manufacturing Co., \$49,480 addition to existing plant.

SPARTANBURG—Atlantic Refining Co., has DPA approval for \$77,290 petroleum storage facilities.

WOODBRIDGE—American Vermiculite Co., R. M. Biddle, Genl. Mgr., plans processing plant, Enoree Highway.

TENNESSEE

TENNESSEE—Plantation Pipe Line Co., Atlanta, Ga., plans booster station near Athens, Tenn.

BRISTOL—Sperry-Farragut Corp., plant building, Smith, Hinchman & Grylls, Inc., 800 Marquette Bldg., Detroit, Mich., Archt.

CLINTON—Dr. C. E. Clark and William Moulton of Clay County, plan strawberry freezing plant.

CHATTANOOGA—Koehring Southern Co. has DPA approval for \$1,884,900 expansion.

CHATTANOOGA—Seminole Flavor Co., factory and office building, 3550 S. Broad St. Selmon T. Franklin, 421 Poplar St., Archt.

CHATTANOOGA—D. M. Steward Manufacturing Co., plans addition, Siemon T. Franklin, Archt.

COLUMBIA—Shear Chemical Corp. granted certificate of necessity by DPA for elemental

(Continued on page 65)

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A high-contrast, black and white illustration of two hands holding a large bolt. The hands are rendered with simple line work, showing the fingers and thumb gripping the bolt. The bolt is dark and cylindrical, with a hexagonal head and a threaded shank. The background is a dark, textured wash of ink.

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Bethlehem supplies every type of Fastener



CARGO FLEET IN WORLD-WIDE SERVICE

Just as the Clipper Ships wrote a stirring page of history, so today's U. S. Merchant Marine furthers the exchange of exports and imports, aiding the economic structure of the country and "standing by" for service in any national emergency.

The Cargoliners of the LYKES BROS. STEAMSHIP CO., INC., have an important part in these operations. A well-rounded program of regular, dependable two-way trade is a standing policy of the Lykes organization. During 1951, Lykes vessels made a total of 525 outward voyages from U. S. Gulf ports over the Company's six trade routes to the United Kingdom, Continental Europe, Scandinavia and the Baltic, the Mediterranean, South and East Africa, the Caribbean and West Indies and the Far East.

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The Lykes organization is today prepared to carry on the traditions and ideals of the seven brothers by whom it was created and who led its growth. Each voyage of every ship carries the flags of the United States and the House of Lykes into world ports, transplanting something of one country into the lives and customs of another.

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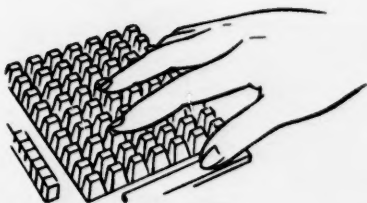
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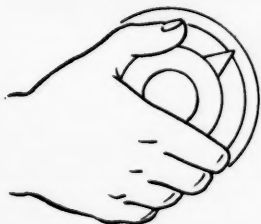
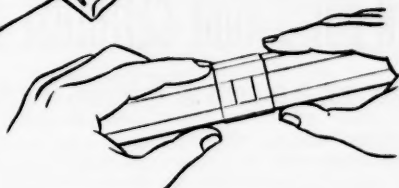
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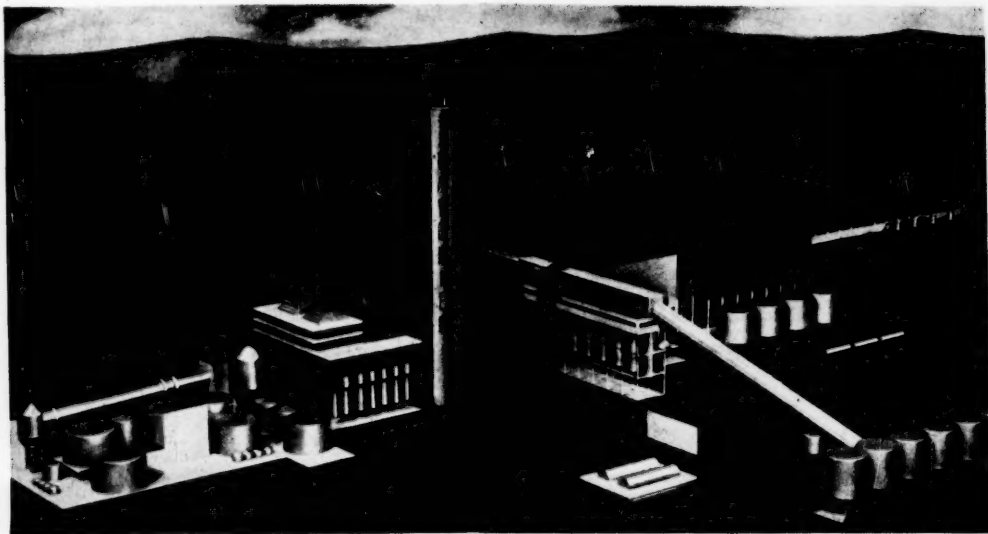
Tell us whether your manufacturing processes require predominantly men or women, and we'll gladly suggest areas in Alabama most suitable to both your production and distribution needs.

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Work now in progress on \$25,000,000 Georgia Plant

When Rayonier, Inc. decided to construct a \$25,000,000 chemical cellulose mill at Jesup, Georgia, they chose EBASCO for the job. This new mill, on a 530 acre site, is designed to produce annually 87,000 tons of purified cellulose—a superior grade of pulp developed by Rayonier's Research Division.

EBASCO engineers, constructors and consultants are working as a team to handle the entire job, from planning, designing and purchasing through the construction and final testing of the plant. This is an important advantage of EBASCO service... complete follow-through on each assignment—in this case, from vacant site to actual operation.

For almost fifty years, EBASCO has rendered design and construction services to top management of business and industry. It has planned and built over a billion dollars worth of new plants of every description—all over the world.

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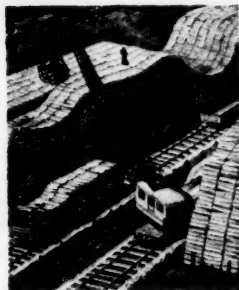
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NITRATION PULP for explosives is important to both the expanding needs of industry and to those of the armed forces. To enable the mill to produce such products when necessary, EBASCO and Rayonier engineers have provided a flexible mill design.



WOOD HANDLING SYSTEM for the mill will be able to accommodate 50 carloads of logs brought in from forests daily. This drawing is an engineer's conception of how the wood handling system will operate when it is installed at the plant.



SUPPLIES BEING DROPPED by parachute. Only the finest yarn can pass the rigid tests for use in cargo parachute cords. The superior cellulose to be produced in the Jesup plant will be used to make the high tenacity yarns needed for cargo parachute cords, tire cords, and in rubber belting.

LITTLE GRAINS OF SAND

*"Little drops of water, little grains of sand,
Make the mighty ocean, and the pleasant land."*

Hidden Taxes. Too many of us have fallen for the idea that "big taxes are o.k. if I don't have to pay them." One bad result of this attitude is a great mass of hidden taxes, based on the theory that what you don't know, won't hurt you. "Let the big corporations pay the taxes—they make plenty of money." The error in this idea is that corporations are not taxpayers, but are merely tax collectors. The taxes are simply added on to the price of goods that are sold. The customers pay the taxes; the corporations merely collect from the customers and pass them on to the government. There's nothing wrong with this way of doing business. Taxes are a cost of doing business, and all the costs are added into the selling price of any article. When there is an increase in the taxes which corporations must pay, there is an increase in the cost of the things we buy. We all pay the taxes.

New Deal Tactics. If we take the U. S. Department of Agriculture at its word, this nation faces the greatest agricultural crisis in history, rivaling the leanest of the "seven lean years." About half of the farming counties of the country in September were designated as disaster areas, as the result of drought, flood, blizzard or other natural calamity. Yet the nation is far, far from disaster. In truth, the general farm picture not only is bright, it actually is just about the best on the record—and bumper crops of corn and live stock, and live stock products, have the trade worried about price trends. The "why" of this barefaced situation lies in the gravy train which flies the "disaster" banner. Under it, the USDA grants loans to farmers on a very liberal basis: the loans bear 3 per cent interest and are scheduled for repayment over a period of years determined by the borrower's ability to pay. This is an election year.

Impertinent Interference. The Justice Department's eagerness to prosecute on the slightest hint of an infringement of the Federal anti-trust laws is spreading across our borders and threatening to pro-

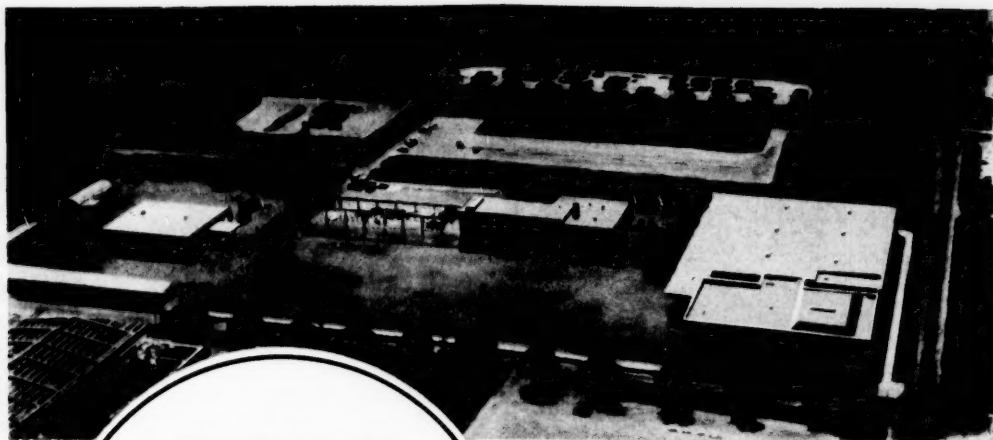
duce a whole series of crises in our international business relations. An example may be found in the indignation now being shown in Canada stemming from a U. S. District Court action ordering E. I. du Pont de Nemours & Co. and Imperial Chemicals Industries to dissolve their joint partnership in a series of British and Canadian undertakings. The Canadians consider it nothing short of scandalous that a U. S. court should presume to issue orders concerning the manner in which British, Canadian and American enterprises may do business outside of the United States. Undoubtedly the *Montreal Star* has a point in asking whether, in the event a Canadian court issued such an order affecting business in this country, and against a company of American domicile, on the basis of a minority stock interest, such a judgment would be honored and enforced in the United States.

Campaign Hokum. There is a strange notion almost universally current that somehow Americans owe their high standard of living to the government or its benign activities in some way or another. Unquestionably scores or even hundreds of candidates for public offices throughout the length and breadth of the country are going to promote this idea in various forms during the ensuing few weeks.

Will their views go unchallenged as before, or will those who know better have the courage and the energy to expose this hoax? Will those who know place before the public the fact that our prosperity, whatever its nature, has been accomplished not because of the government, but in spite of it? Will they call attention to the fact that real wages rise only because of greater productivity, which in turn is dependent upon a steadily increasing capital investment per worker, new inventions, ample incentives, improving technologies, good management, availability of plenty of fuel, electric power, transportation and many other things for which the government could not possibly claim credit?

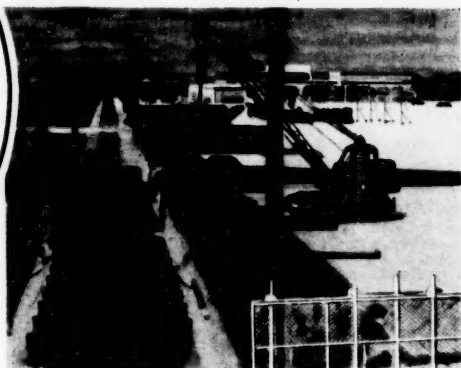
(Continued on page 26)

Government should be like your
stomach. If it is working right, you
don't know that you have it.

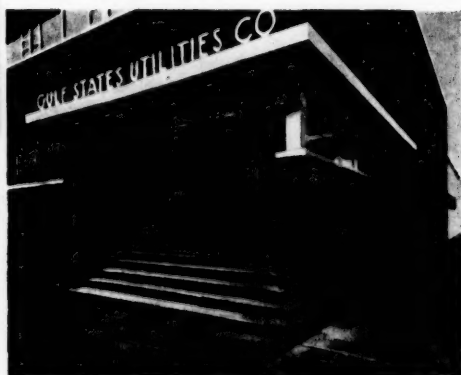


Overall View of the New Service Center

**SERVICE
CENTER**
for a
SERVICE COMPANY



Newest in materials handling design throughout



*Headquarters for maintenance, purchasing, stores
and stores accounting of the Beaumont electric
transmission and distribution division*

The construction of this new Service Center at Beaumont, Texas, is one of many projects undertaken by Stone & Webster Engineering Corporation for Gulf States Utilities Company.

The new facilities include unloading dock and railroad spur, specially constructed yards for heavy equipment storage, the office building with auditorium and kitchen, the storehouse, a substation, garage, and paint shop.



STONE & WEBSTER ENGINEERING CORPORATION

A SUBSIDIARY of STONE & WEBSTER, INC.



WHAT KIND OF A PLANT ARE YOU PLANNING?

What your plant produces has an important bearing on where it should be located. Specialized locations are no problem in the Land of Plenty,* a VERSATILE industrial region where manufacturers of all types have found ideal sites for their particular operations. So, no matter what kind of plant your new one will be, it's more than likely that the Norfolk and Western can introduce you to a choice of locations.

Write or telephone the Industrial and Agricultural Department, Drawer MR-514, Norfolk and Western Railway, Roanoke, Va. This department, with a half-century of experience, is staffed with plant location specialists who will understand your problems and objectives and who will serve you, *promptly, reliably and in confidence.*

Put it in the *Land of Plenty**

In the *Land of Plenty* you will find varied raw materials . . . intelligent, home-rooted manpower . . . dependable Norfolk and Western transportation . . . plenty of power and water . . . the world's finest bituminous coal . . . favorable state and local tax structures . . . clean, progressive communities . . . nearness to domestic markets and, through the Port of Norfolk on famed Hampton Roads, nearness to world markets . . . equable climate . . . and *room to grow* in decentralized locations.



Norfolk and Western RAILWAY

*The *Land of Plenty* — the six great states served by the Norfolk and Western —

- Virginia
- West Virginia
- Ohio
- North Carolina
- Maryland
- Kentucky



ANY SURFACE

Your plant and equipment need protection from moisture, acids, corrosion and deterioration to insure economical operation. Ruberoid Rapid Asphalt Paint provides this protection in a hard gloss paint that is easy to apply with brush or spray. Wood, metal, masonry, coated fabrics and other surfaces last far longer when there's an asphalt finish to take wear and abuse. It dries quickly and one application gives lasting service.

Ruberoid Rapid Asphalt Paint is utilized in innumerable equipment, electrical and industrial applications, such as cables, switch boxes, electric motors and generators, boilers and engine rooms, iron grills, fire escapes, damp-proofing concrete, etc. Rapid Asphalt Paint comes in handy drums, barrels and cans in six different sizes from one pint to 55 gallons. For detailed literature, write The Ruberoid Co., 500 Fifth Avenue, New York 36, N. Y.

The **RUBEROID Co.**

ASPHALT AND ASBESTOS BUILDING MATERIALS

GAS Storage Tanks



• Whether you want conventional high-pressure units or something *special*—send us your inquiries. COLE can build you the kind of high-pressure tanks or vessels you require—any size, any shape, any metal. Our experience (of almost a century) in the design and fabrication of metal tanks may be of help to you. Write for catalog—"Tank Talk."

Established 1854

COLE

R. D.

MEG. CO.

NEWNAN, GEORGIA

ELEVATED TANKS • VESSELS • CYLINDERS
TOWERS • BINS • STANDPIPES



LITTLE GRAINS OF SAND

(Continued from page 23)

McCarthyism. The hullabaloo about Senator Joe McCarthy's land-slide victory in Wisconsin ought not to be a complete surprise to people familiar with American tradition and history. The vote was a reflection of the frame of mind that the vast majority of the American people are in today. Our people are completely fed up with starry-eyed dreamers, Commies, and so-called liberals everlastingly hiding themselves behind the Fifth Amendment, which amendment would be the first one torn to shreds if these people ever took over.

When the New Dealers show as much enthusiasm for ridding the country of the Hisses, Coplins and others of their stripe as they have against the "slave labor law" and stop shouting "Red Herring!", perhaps Senator McCarthy will find himself out of a job.

Tax Conscious. The public's growing concern with its tremendous tax burden is illustrated by a recent Gallup poll. The question asked concerned the proposed constitutional amendment to limit Federal taxes to a maximum of 25 per cent on personal incomes, except in wartime. The results, published in July, showed that 68 per cent of those interviewed favored the proposal, 25 per cent were opposed, and 7 per cent expressed no opinion. An earlier poll on the same question, taken in September of 1951, revealed 59 per cent in favor, 31 per cent opposed, and 10 per cent with no opinion.

The fiscal year 1952, ended last June 30, recorded a new all-time high for Federal net budget receipts, nearly all of which were taxes. The exact figure was \$62,128,606,579.52. This prodigious sum amounts to about \$1,360 per household. In 1930 the corresponding figure was \$140 per household and in 1900 it was \$36.

War Prosperity. A midwestern farmer when speaking of the Korean War, is reported to have said, "I had a nephew killed over there. There's nothing being done about it, I'd like to get this War over with even if times do get worse." In this statement, the farmer implied a belief that is rather general, namely, that the present Administration does not want an end to the War because it would bring an end to our so-called "prosperity" and would thereby bring about a situation which it does not know how to handle.

It is shameful to base any claims of prosperity on the griefs and burdens of our people, and it is time the people of this country and the candidates for high office of both parties made their feelings clear on this subject. It is an insult to the intelligence of the American people for politicians to cry for peace and at the same time attempt to justify their claims for success or continuance in office by pointing to the "prosperity" produced by war.

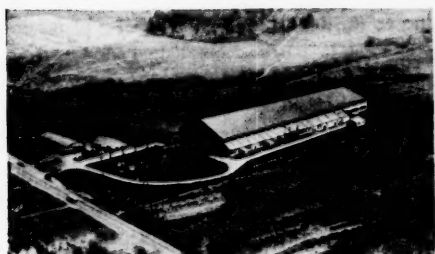
Consistent. It is commonplace these days, for people to decry the "reversal" of our foreign policy,

(Continued on page 30)



EXPAND Your Production with No Capital Investment

Use Butler Birmingham, Alabama, Plant Facilities



Butler Birmingham, Alabama Plant

Here's a golden opportunity to expand your productive capacity and profits without a dollar's capital investment. Take advantage of Butler Birmingham, Alabama, plant facilities for top quality plate and structural fabrication.

- Strategically located to serve you.
- Fifty years of experience.
- Outstanding plant facilities.
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These are just a few reasons why you're sure of higher quality work at lower cost. Don't delay—investigate this opportunity now. Mail coupon for complete details today.

FREE BOOKLET Gives You All the Facts GET IT TODAY



Illustrated booklet shows you the scope of Butler productive capacity, special products manufactured, complete plant data. Mail coupon today.

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904 Ave. W, Ensley, Birmingham 8, Alabama

- ☐ Please send me free booklet describing plant facilities.
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"WE SAVE \$9,000 A YEAR—AND HEAT MORE SPACE—BY BURNING COAL THE MODERN WAY!"



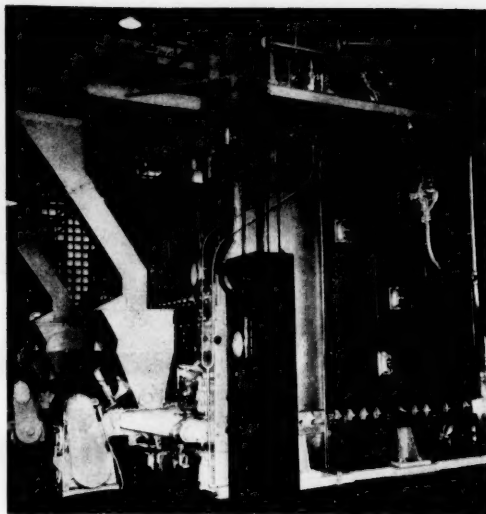
**NEW COAL INSTALLATION SAVES US 31.9%—
43¢—ON EVERY THOUSAND POUNDS OF STEAM!"**

says Mr. Robert W. Paul,
Heating Engineer,
the University of Akron,
Akron, Ohio.

NO SMOKE CONDITION... NO DUST NUISANCE—

this plant is located in a residential neighborhood and operates well within the bounds of extremely tight smoke and dust regulations—thanks to burning and handling coal with up-to-date equipment!

This view shows Akron's two new stoker-fired boilers. The old equipment delivered a thousand pounds of steam at a cost of \$1.35. Now Akron gets a thousand pounds of steam for only 92 cents, *cutting cost by nearly 1/3!* For about \$26,000 a year, this new plant does the work that would have cost \$35,000 with the old one.



If you operate a steam plant, you can't afford to ignore these facts!

COAL in most places is today's lowest-cost fuel.

COAL resources in America are adequate for all needs—for hundreds of years to come.

COAL production in the U.S.A. is highly mechanized and by far the most efficient in the world.

COAL prices will therefore remain the most stable of all fuels.

COAL is the safest fuel to store and use.

COAL is the fuel that industry counts on more and more—for with modern combustion and handling equipment, the inherent advantages of well-prepared coal net even bigger savings.

BITUMINOUS COAL INSTITUTE


A Department of National Coal Association, Washington, D. C.

Planning to modernize? Building a new plant? In either case an up-to-date coal installation can save you lots of money!

Labor costs are cut to a minimum with modern coal- and ash-handling systems... modern combustion equipment gives more steam per dollar—10 to 40% more power from every ton of coal!

A consulting engineer can show you how these savings really mount up—and mount up fast—when you burn *bituminous* coal in a modern plant designed to meet your *specific* needs.

And coal's your best bet for the future, too. Of all fuels, coal alone has virtually unlimited reserves. And America's coal is mined by the most productive and efficient coal industry in the world. That's why coal offers greater price stability and more dependable supply than any other fuel!

FOR HIGH EFFICIENCY  FOR LOW COST

YOU CAN COUNT ON COAL!



They're Rolling Again!

We're happy to report that steel is coming into our warehouse again . . . and we are getting it right out to our customers who have been so patiently waiting. Following the settlement of the strike, the steel industry has recovered more rapidly than had been expected.

If you need Steel Call O'NEAL

We are building up our stocks both in variety of items and in quantity. Give us a call. More than likely, we can supply your needs.

O'NEAL STEEL CO.

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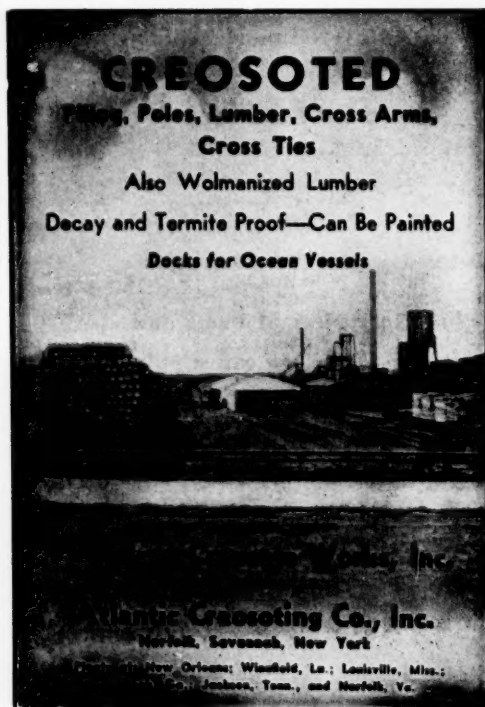
Shortages occur in the property accounts

- A check of the property accounts against the property itself frequently reveals substantial unrecorded deductions. Such unexplained shortages may be prevented through Continuous American Appraisal Service which keeps the property record in line with the property facts.

The **AMERICAN
APPRAISAL**
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Over Fifty Years of Service

OFFICES IN PRINCIPAL CITIES



CREOSOTED
Piling, Poles, Lumber, Cross Arms,
Cross Ties
Also Wolmanized Lumber
Decay and Termite Proof—Can Be Painted
Decks for Ocean Vessels

Atlantic Creosoting Co., Inc.
Norfolk, Savannah, New York
Branches: New Orleans; Winfield, La.; Louisville, Miss.;
Jackson, Tenn.; and Norfolk, Va.

LITTLE GRAINS OF SAND

(Continued from page 26)

and the "mistakes" which led to our "losing" the peace since 1945.

In this connection, "it should be pointed out that the Roosevelt-Truman foreign policy has been very consistent, from 1933 until recently; that there has been no reversal, and that few if any mistakes have been made. This is true when you merely recognize that the foreign policy must have been designed to do what it did do—build up the strength of international Communism."

We haven't had a "reversal" in foreign policy since 1933; we need one desperately, and the only hope of getting it is through a change of administration.

Highly Competitive. There are few areas within our economic system in which competition today is so keen as in banking. At the end of June of this year, there were 14,075 commercial banks in the United States. These banks compete with each other, and in one phase of their business or another they compete vigorously with many thousands of other financial institutions, large and small. True, the number of commercial banks is half of what it was a generation ago. But the chief reason for the reduction in their number was the wholesale closing of institutions in the early 1930's, due in considerable part to excessive competition that had weakened many of them.

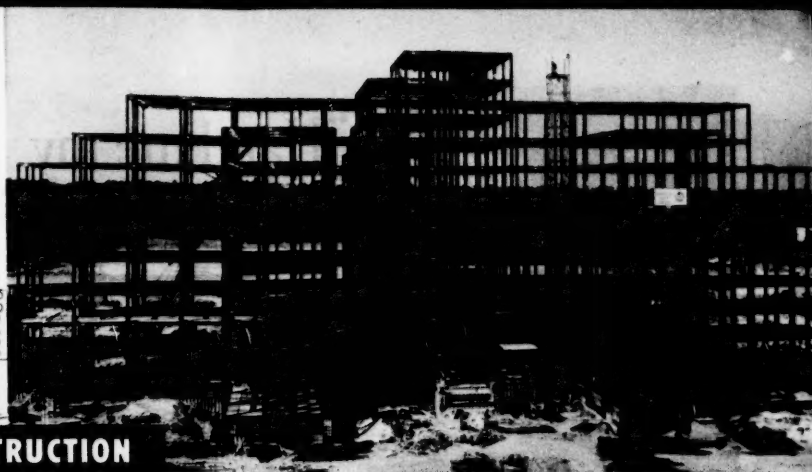
A report on the bank merger movement issued last month by the staff of a subcommittee of the House Judiciary Committee implies that, when stockholders of a bank vote for a merger, they are encouraging monopoly and doing something improper. This viewpoint is not admissible under a private enterprise system. If conditions exist in any field where a reasonable return cannot be realized by investors, the latter are free and should be free to withdraw their investment through merger or liquidation.

Pensions. The new increase in Social Security benefits, which becomes effective early this month has stirred up unrest among some of the unions which have signed private pension agreements with industry. The reason is simple. Under the terms of all agreements patterned after the steelworkers' contract of 1949, both the government and the employer contribute to a single fund, which then pays the worker \$100 or \$125 a month. But if the government's contribution increases, as it does whenever Social Security benefits are boosted, the employer's share is thereby reduced, while the pensioner continues to receive the same amount. From the union standpoint, the new Social Security law simply means more money in the employer's pocket. The unions, in coming negotiations will undoubtedly demand that all future increases in Social Security would be added to the total pension being paid at the time.

VETERANS ADMINISTRATION HOSPITAL, DENVER, COLORADO. American Bridge fabricated and erected the structural steel for main hospital building, 325' x 325', 8 stories high with penthouse; also the boiler house, the chapel, manager's building, apartment building, nurses' quarters and attendants' quarters. Total weight, 2,800 tons. General Contractor, Del E. Webb Construction Co. Plans by Veterans Administration Construction Service.



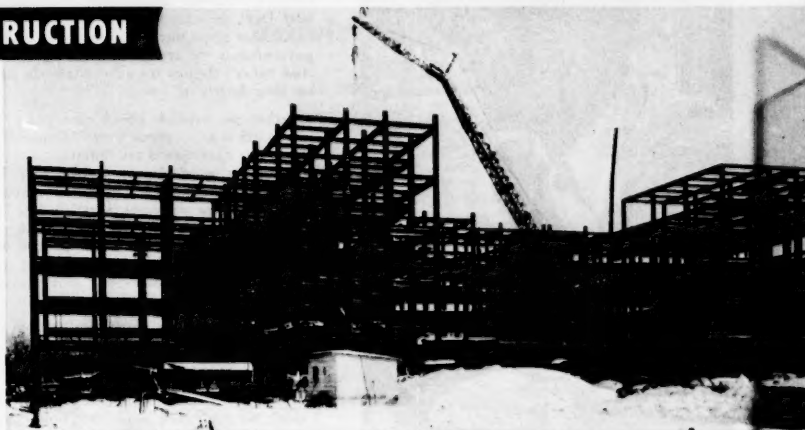
RIVETED CONSTRUCTION



WELDED CONSTRUCTION



VETERANS ADMINISTRATION HOSPITAL, MINNEAPOLIS, MINNESOTA. Fabricated and erected by American Bridge. Project included hospital building No. 43 - an 8-story structure, with setback and penthouse, and #43-1, an 11' wide x 76' long, 4-story connecting corridor, and a 61' x 117' x 13' 8" addition to laundry building. Hospital building #43 was of welded construction throughout. Total weight of steel, 2,100 tons. General Contractor, J. D. Heslin Construction Company. Plans by Veterans Administration Construction Service.



*Steelwork for
both hospitals*

**FABRICATED AND ERECTED BY
AMERICAN BRIDGE
AS SPECIFIED**

THE two big hospitals shown above are typical of the many steel buildings fabricated and erected by American Bridge. Each is a good example of its particular type of construction.

American Bridge plays no favorites when it comes to riveted or welded construction. We have the skilled personnel and equipment to do both types with exacting precision, thoroughness and speed. The all-welded Minneapolis job was erected during the severe Minnesota winter and is evidence of the willingness and ability of American Bridge to field-weld structures any time, anywhere!

If you would like to know more about the advantages of American Bridge fabricated and erected steel construction, just call our nearest office.

**AMERICAN BRIDGE DIVISION, UNITED STATES STEEL COMPANY,
GENERAL OFFICES: 525 WILLIAM PENN PLACE, PITTSBURGH, PA.**

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AMERICAN BRIDGE

UNITED STATES STEEL



"Hand me my crutches, Mary!"

"Doc or no Doc . . . no wounded leg is keeping ME home on Election Day! When I was over in Korea, one of the big things we figured we were fighting for was the right to vote as we please.

"Just look at that crowd! Seems like *everybody* in town's turning out to vote today. In fact, it's been predicted that more than 55 million people all over the nation will be voting!

"Heard a fellow the other day call it 'National Beef Day'. Says he, we *all* beef at one time or another about our local, state, or national governments, or certain people in them. And *today's* the day we get a chance to back up those beefs with ballots!

"Whether we squawk about corruption by public officials . . . about wasteful squandering of our hard-earned tax dollars . . . about government interfering in public utilities and private business . . . about overloading government payrolls with un-needed workers . . . or about government employees with red sympathies—Election Day is the big moment for us citizens to get it off our chests with those votes our Constitution guarantees us.

"I say, thank God we don't live in one of those commie countries where people have only hand-picked red candidates to vote for. Those poor devils just don't get a chance to vote for anybody else. Sometimes, Mary, I think we don't fully appreciate how lucky we are. We vote for whom we honestly think best . . . and nobody on God's green earth knows *how* we vote!

"So hand me those crutches, Honey. And get your hat and coat on, too. We're going to vote together . . . bum leg or no bum leg."

REPUBLIC STEEL

Republic Building • Cleveland 1, Ohio



Republic BECAME strong in a strong and free America. Republic can REMAIN strong only in an America that remains strong and free. To answer the urgent needs of Defense Production, Republic is taking a significant part in the development of Titanium . . . whose structural strength compares favorably with that of many steels, and whose corrosion-resistance ranks it with some of the stainless steels. Yet *Titanium* is only 56% as heavy as alloy steel. No development project (except that of atomic energy) has commanded as much attention and research in so short a period as has Titanium . . . the metal of the future. Keep your eye on Republic Titanium and Titanium Alloys!

For a full color reprint of this advertisement write Dept. J, Republic Steel, Cleveland 1, Ohio.



Whether your city is large

or

small

HORTON ELEVATED TANKS provide better water service

It doesn't make any difference where Horton elevated water tanks are installed . . . in a big city like Dallas, Texas . . . or in small towns like Eatonton, Georgia . . . the results are better water service.

Here are proven facts based on thousands of installations throughout the country . . .

- More uniform water pressure in the mains*
- Higher average water pressures*
- Lower pumping costs*
- Dependable water supply for emergencies*

Combine these results with the modern appearance of Horton elevated tanks and judge for yourself how your city can benefit from their installation.

Horton elevated water tanks with ellipsoidal-bottoms are built in standard capacities from 15,000 to 500,000 gallons . . . elevated tanks with radial-cone bottoms are built in standard capacities from 500,000 to 3,000,000 gallons.

Write our nearest office for more complete details. There is no obligation on your part.

Eatonton, Georgia

The 200,000-gal. Horton elevated tank at Eatonton, Georgia was installed to provide better water service for 2,700 residents. Like all Horton municipal water tanks, it was built in accordance with American Water Works Association specifications.

CHICAGO BRIDGE & IRON COMPANY

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Birmingham 1 1530 North Fifth St.
Boston 10 1020—201 Devonshire St.
Chicago 4 2106 McCormick Bldg.
Cleveland 15 2216 Guildhall Bldg.

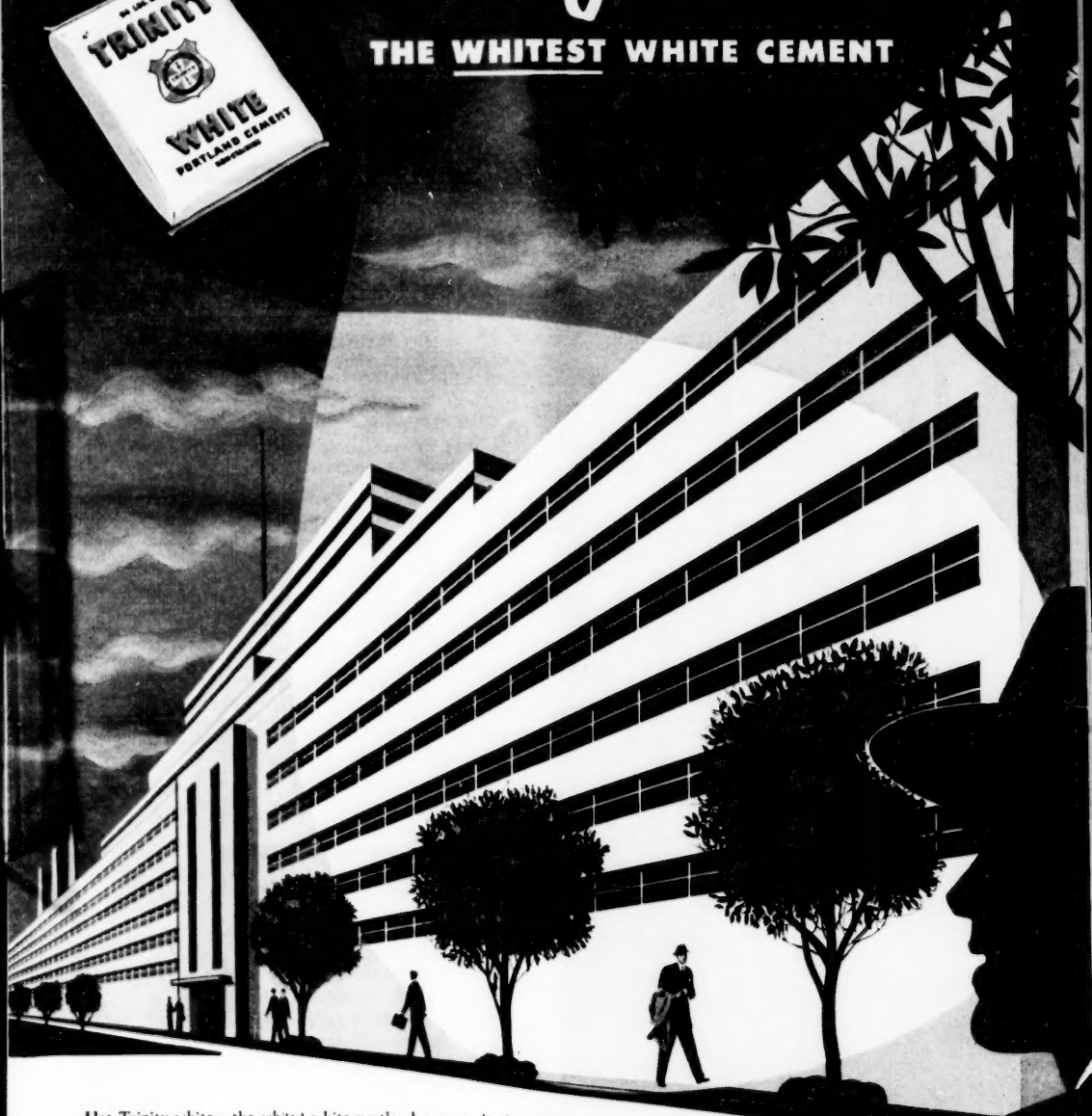
Detroit 26 1510 Lafayette Bldg.
Havana 402 Abreu Bldg.
Houston 2 2132 C & I Life Bldg.
Los Angeles 17 1517 General Petroleum Bldg.
New York 6 3313—165 Broadway Bldg.

Philadelphia 3 1619—1700 Walnut Street Bldg.
San Francisco 4 1540—200 Bush St.
Seattle 1 1320 Henry Bldg.
Tulsa 3 1611 Hunt Bldg.
Washington 6, D. C. 1144 Cafritz Bldg.

PLANTS IN BIRMINGHAM, CHICAGO, SALT LAKE CITY AND GREENVILLE, PENNSYLVANIA

Trinity White

THE WHITEST WHITE CEMENT



Use Trinity white—the *whitest* white portland cement. It gives extra eye-appeal to . . . architectural concrete units . . . stucco . . . terrazzo . . . cement paint.

Trinity has many special uses because of its beauty and light-reflective properties. Trinity white is a true portland cement that meets all Federal and ASTM specifications.

General Portland Cement Co., 111 W. Monroe St., Chicago; Republic Bank Bldg., Dallas; 816 W. 5th St., Los Angeles; 305 Morgan St., Tampa; Volunteer Bldg., Chattanooga.

a true portland cement

As white



as snow

plain or waterproofed



"What Enriches the South Enriches the Nation"

Two Way Street

The growth of government ownership and operation of economic enterprises should not only be halted, it should be reversed.

In the past, in the railroad industry, in banking, and elsewhere, the Government has at times acquired or originated large stakes in enterprises and then sold them to private owners when this became feasible. Similarly, many of the direct economic controls imposed in wars and other emergencies, have been liquidated later.

In recent years, however, the readiness of Government to embark upon new business ventures, other than war emergency ones, has not been matched by an equal willingness to dispose of them to private buyers when conditions indicate that government ownership is no longer to the best interest of the country. As a result, the recent trend toward socialism has become a good deal more pronounced.

Former Director of the Office of Defense Mobilization, Charles E. Wilson, has recently pointed out that we should have the kind of government in Washington that is just as ready to get out of the business ventures it undertakes as to get into them, if we are to halt the steady march towards government ownership of the past two decades.

The Federal Government now owns and operates many billions of dollars worth of power projects. Regardless of whether or not it was desirable for the Government to embark upon these projects in the first instance, Mr. Wilson proposes that they be capitalized now as private enterprises and the securities sold to investors.

The former president of General Electric Co. made the suggestion that all existing public power and water projects and similar enterprises be sold to the American people—"through a simple exchange of stock in them for Government bonds now outstanding."

It is a known fact that public power and water projects and similar enterprises have built up a book value of approximately 10 per cent of our national debt. They are going businesses and are serving an important public need. In private hands these investments would reduce the national debt and the interest charges thereon and at the same time increase government income from the tax take from corporate and individual incomes.

The issue of government ownership as against private enterprise is one of the important political issues to be decided next month. Democratic orators trying to minimize it and trying to laugh off the danger of socialism, are evasive. The question is not one of how much socialism we have today and how much Government intervention in business is contemplated for the immediate future. Rather, it is whether the Administration in office shall seek, given the circumstances that will exist at any time in the future, to minimize or to expand the role of Government, as a policy.

There is no hope that another Democratic administration, pledged to more and bigger federal power projects under the big government concept, will change its course. There is every hope that an administration under Eisenhower will act on the realization that the road to socialism is a two way street.

Why Have Our Living Standards Improved?

Essential role of savers and investors has been largely ignored in the presidential campaign to date.

By Robert S. Byfield
Financial Editor

*A society of sheep must in time
beget a government of wolves.*

—Bertrand de Jouvenel

THIS column has concerned itself almost exclusively with the securities markets and the problems and interests of the investment public generally. Objectivity has been a desired goal. Conversely, political partisanship has been shunned as a matter of obvious necessity. Yet the investor of 1952 lives in a world unforeseen and under conditions unpredicted in the economic textbooks of 1920, of 1930 and even of 1940. He is subject to and his fortunes are in the jeopardy of social, political, financial, monetary and even military influences over which he has not the remotest degree of control. Steeply rising taxes, the erosion of dollar purchasing power, price controls, and a hostile ideology with respect to invested capital deeply concern him these days. To maintain, let alone increase the contribution made by his net investment income and capital gains to his standard of living has been anything but an easy task. He has needed the cunning of a fox, the watchfulness of a hawk, the agility of a cat, the courage of a lion and at times the ability to run like a greyhound. Instead, by not organizing to defend his position, he has adopted the tactics of an ostrich and the strategy of a sheep. Hence the choice of the above quotation. And judging by the oratory, smears, epithets, misrepresentations, economic quackery and general roughhouse of the presidential election campaigns in recent years the protection of his interests has required some bodyguards rather than more advisers.

Mindful of all these things, we point out that up to now the American investor in free enterprise and his contribution to the national well being have been generally if not totally ignored in the current campaign. He might as well not exist. We hear much about our fabulous standard of living and there is considerable argument as to whether we are really "better off" than we were before Korea or on V-J Day or some other point on the calendar. Investors, like other American citizens, undoubtedly hold diverse views on such important issues as foreign policy, corruption in government,

civil rights and liberties and the handling of the communist problem. Yet we have seen no attempt to crystallize investor sentiment, if there can be any such thing, as to what Federal government policies he should support or reject in his own selfish interest as an investor.

From the point of view of national public relations the investor class and those who serve it have been behind the traditional 8-ball for nearly a generation. Just now these groups have a golden opportunity to improve their position by taking an active part in the election campaign. To repeat again and even more bluntly—millions of Americans are going to be interested in and arguing about the questions of whether our great prosperity is soundly based or jerry built, who is responsible for it and which policies should be continued and which scrapped to maintain and even augment it. To be specific, it will be a matter of simple patriotic duty, let alone self interest, for the investors and their friends to convince the candidates for public office and through them the voting public of a few of the essential facts of economic life.

For example, the notion or myth is now almost universally current that somehow we Americans owe our high standard of living to the benign activities of the government, to the aggressiveness of labor leaders on behalf of their union membership, or to the self-styled benevolence of those politicians who claim they are preventing a small but greedy minority from taking something away from the average citizen. In previous campaigns such absurd views have gone unchallenged simply because those who know what makes our economy tick have not had the courage, the energy and the perspicacity to expose their fallaciousness. It will be little short of a national tragedy if the real facts are not placed before the public by every available means of communication, namely, that our prosperity has been brought about not because of the government, but in spite of it. It is not too late to convince the electorate that real wages in industry rise only because of greater productivity, and that greater productivity in turn is dependent upon a number of essentials, such as the following: ample incentives all along the

line in industry, including the workers, the management and the owners; new inventions; improved technology; ample supply of raw materials, electricity and fuel; adequate transportation facilities and many other things for which the government could not honestly claim credit, because government creates nothing. It merely uses its power of compulsion to transfer income and/or assets from some citizens to others. Ours is a tool economy and improvement of the lot of the worker requires the continuous availability of more and better tools of modern design. But the worker does not provide his own kit of tools in the form of plant, machinery and equipment. Under our economic system these are furnished either by private investors or by corporations who plow back those profits not paid out in dividends. In recent years, however, the portion of the productive process accruing to the workers through wages and salaries and to the government through taxes has increased, while that of the shareholders has decreased to the point where incentives to save and invest in corporate enterprise have already been impaired.

As an illustration, National Income has risen from \$223 Billions in 1948 to about \$288 Billions in 1952, a gain of about \$55 Billions. Compensation to employees has likewise improved from \$140 Billions to approximately \$187 Billions. On the other hand, corporate profits, after taxes, which were \$18.5 Billions in 1947 and \$20.7 Billions in 1948 are running below an \$18 Billion rate this year. It is true that in this period dividends have risen by about \$2.5 Billions per annum, yet undistributed or plowed back profits have dropped from around the \$12 Billion or \$13 Billion rate to under \$8 Billions, meaning lower corporate savings. As a result of this shrinkage there are less dollars to buy more and better tools for the workers. Encouragement of all of this may be slick politics, but any continuation of this trend would be disastrous for all concerned. Our economic system is not comparable to a pie of which a smaller slice for one member of the family means more for the others. Improvement in living standards depends on the growth of this pie, so that all members of the family may enjoy larger slices. To accomplish this needs the co-operation of all and sufficient rewards for all so that the incentives are not lacking. These are the essentials of American capitalism.

Over a period of many generations there have been plenty of ups and downs in our economic well being as a nation. Yet on the average there has been an overall improvement of about 2% per year in productivity per worker and a comparable rise in living standards. Any candidate claiming that his policies or those of his party are responsible for our prosperity but is unaware of or will not credit these essential facts inherent in the American productive scheme is perpetrating a hoax. He should promptly be challenged. And the investor, naturally, must be in the front rank of the challengers.

Dedication Marks Naming of New AP&L Head

SEPTEMBER 16th was a big day for the city of Pine Bluff, Arkansas, and in the history of the Arkansas Power and Light Company. On that date AP&L dedicated its new general office building in that city and the company announced the election of Robert E. Ritchie as its new president succeeding C. Hamilton Moses, who continues as chairman of the board of the power company.

The new six story office building at Sixth and Pine Sts., is one of the finest of its kind in the South.

Seeing the need to consolidate its scattered employees and departments in Pine Bluff under one roof in order to render more efficient service, AP&L officials decided to construct a building that would meet all present and future needs.

Ground breaking ceremonies were held on October 17, 1950, at the building site after AP&L had paid a building permit fee of \$1,001, the largest ever issued in Pine Bluff. It was occupied during the week of June 6-13.

Original excavations required the removal of approximately 12,500 cubic yards of dirt. Costing \$1,912,870, the building is constructed of reinforced concrete, brick facing with tile backing, manufactured granite stone facing and limestone facing and coping. It required 202,500 face brick, 119,300 common brick and 20,900 eight-inch tile.

Acres of Space—The building contains a gross area of 74,270 square feet (one and two-thirds acres), with basement floor, six upper stories, and additional space on the roof for housing service equipment.

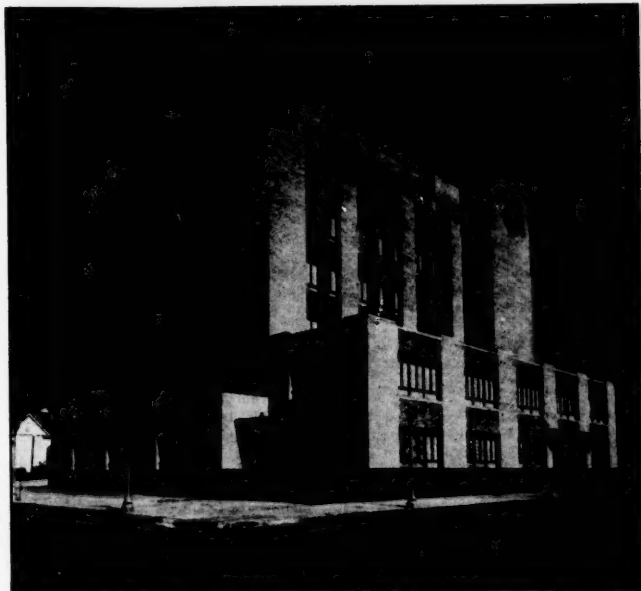
Years of careful planning and study went into its construction. It took a total of 293,086 man-hours to complete the structure, with 151 workers employed during the peak period. It is 75 feet high and 130 x 160 feet wide on the ground floor.

The building now provides headquarters for approximately 300 employees in AP&L's General, Central Division and local offices.

Arkansas Power & Light Company has taken every precaution to see that the building is fireproof. Delicate smoke detectors, a fire alarm system that rings at the Pine Bluff Fire Department, well-identified exits and extinguishers have been installed. In addition, the building is constructed with reinforced concrete, metal partitions, and all casement sash are aluminum.

AP&L Is Renter—Main contractors for the building were Ditmars-Dickman-Pickens Construction Company, E. W. Daniel Plumbing and Heating Company, Inc., I. K. Electric Company, all of Little Rock, and Westinghouse Electric Corporation.

In order to help keep rates low, Arkansas Power & Light Company sold the building to New York Life Insurance Company. C. H. Moses, AP&L president,



New six story office building built by Arkansas Power & Light Co. at Pine Bluff, Ark., is one of the South's finest. It cost \$2,000,000.

explained that it costs customers less for the power company to rent the building than for the company to own it.

Another advantage, he said, is that the sale makes almost \$2,000,000 available to help pay for AP&L's huge expansion program that will assure Arkansas plenty of electric power.

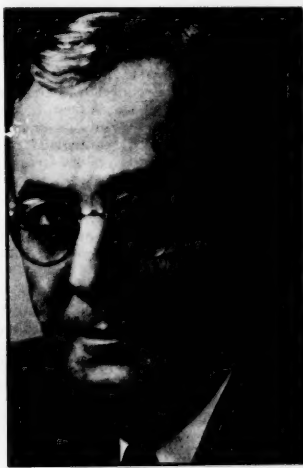
Robert Estes Ritchie, who began his career with AP&L 29 years ago as a clerk in the president's office, becomes the company's third president since it was founded in 1913 by the late Harvey C. Couch.

When AP&L was organized through the merger of several smaller utilities in

(Continued on page 54)



C. Hamilton Moses
Chairman of the Board



Robert E. Ritchie
President

Growing Markets Spur Southern Expansion

Consumer Sales in 182 urban centers total \$38 billion annually.

By Caldwell R. Walker
Business Trends Editor

INDUSTRIAL and commercial buildings are going up in the South at a considerably higher rate than for the country at large.

Business does not expand without good reason, nor does it expand more rapidly in one section than in others without equally good reason.

Most usual reasons are based upon available supplies and materials, available capital, available labor supply, and available markets.

For many years the South has enjoyed a strategic position with respect to materials, and has steadily profited thereby.

But materials alone were not sufficient to generate the widespread industrial expansion that is currently sweeping the South.

Until recently capital can be said to have been relatively short in the South so far as immediate resources were concerned.

But capital in a nation of free trade is a fluid resource that gravitates naturally toward sites of most promising return.

While shortage of capital may have been a serious handicap so far as Southerners themselves were concerned, it can scarcely be said that such shortage ever served as a deterrent to Southern business expansion.

As to labor supply, the South has traditionally, in almost one breath, both boasted and deplored its surplus of semi idle labor. From the standpoint of Southern income it was a bane; from that of expanding industry it was a boon.

But this boon alone also was unable to stimulate a rush on the part of national industry to seek business sites in the South.

True, it was not known prior to the last war how easy it is to swiftly transform this unskilled resource of the South into one of unexcelled technical efficiency.

Currently, and for the future, Southern labor is due to be one of the greatest drawing cards of the region for the induction of new industry.

Aside from the foregoing considerations which the South now can hold out to incoming business, there is the matter of markets, which in essence is the prime reason for business expansion.

The Southern market, now unquestionably in the spotlight, displays conflicting aspects, all of which cannot be said to be perfect.

Markets are a combination, on the one hand, of people and personal income; and on the other, of business and business activity.

It is natural to think first, and often solely, of the former. And it is sometimes with somewhat of a jolt that it is remembered that about 75 per cent of all sales made in the United States are made by business to business and not to ultimate users of commodities.

It may contribute a further jolt to realize that, of the 75 per cent sold by business to business, only about ten per cent goes for actual capital expansion.

In other words, more than two thirds of all sales made by business in the United States goes to "middlemen" of one sort or another.

It is largely from this fact that it is not uncommon to hear the opinion expressed that the technology of distribution in the United States has not kept pace with advancement in production.

That, however, is a matter, interesting as it is, that is aside from the point when discussing Southern markets.

The foregoing points are brought out merely for the purpose of better appraising and evaluating these markets.

The weak side of Southern markets rests in the fact that Southern incomes and business activity are relatively lower than they are for the Nation at large.

Territorially, the South comprises about one third of the area of the United States.

In the matter of people the South enjoys its proportionate share, having just about one third of the population of the United States.

In total income, however, the Region enjoys but 28 per cent of that of the Nation, and business volume in the South measures up to but 25 per cent of that of the United States.

So, in point of volume alone, or with respect to territory involved, the South cannot be said to show to advantage.

But there is another side, and one of greater significance.

The present situation partakes more of the past than it does of the future.

And it is the future in which alert business is always most interested.

To get in "on the ground floor" is an axiomatic goal zealously sought by all business.

To be set to skim the cream as it rises is a sure harbinger of profits.

It is for these reasons vacant industrial space in the South is practically nil, and construction gangs are feverishly putting new structures in place.

From the standpoint of consumer sales, there is another reason for the Southward rush of business and capital.

The South is urbanizing at a much swifter rate than any other section of the country.

Right now, the South, with its 16 states and District of Columbia, turns out sales to consumers amounting annually to \$55 billion.

Of this total, \$38 billion or 69 per cent is made to dwellers in 182 urban centers, easy to reach, easy to serve.

Of these 182 sales centers, eight enjoy annual consumer sales in excess of one billion dollars each.

Seven have sales of \$500 million to \$1 billion.

Nine have sales of \$300 million to \$500 million.

Fifteen have sales of \$200 million to \$300 million.

Fifteen have sales of \$150 million to \$200 million.

Twenty-four have sales of \$100 million to \$150 million.

Sixty-one have sales of \$50 million to \$100 million.

Forty-two have sales up to \$50 million.

In the same connection, it is pertinent to point out that these same concentrated centers are also equally as attractive with respect to "business sales"—that is, sales made by business to business, involving raw materials, semi-processed goods, goods intended for resale, and all types of business services ranging from utility products to office supplies, insurance and general expense items.

Sales by business to Southern business firms are currently running at the rate of \$138 billion yearly.

Consumer Sales (All Goods and Services) \$ Million

\$1,000 to \$2,500

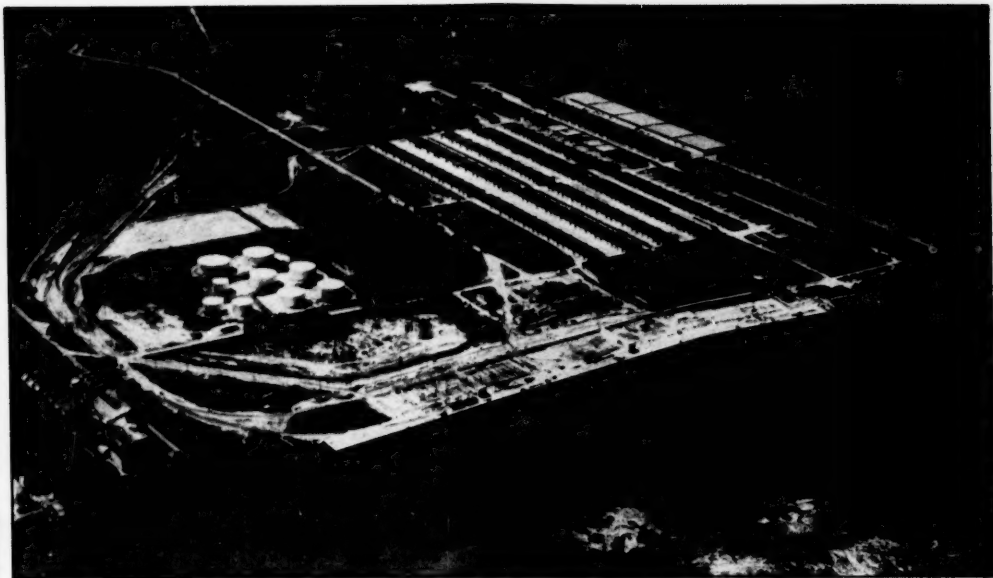
Washington, D. C.	\$2,092
St. Louis, Mo.	2,044
Baltimore, Md.	2,041
Atlanta, Ga.	1,832
Houston, Tex.	1,395
Kansas City, Mo.	1,333
Dallas, Tex.	1,299
New Orleans, La.	1,054
Miami, Fla.	1,024

\$500 to \$1,000

Louisville, Ky.	\$ 784
Memphis, Tenn.	741
Fort Worth, Tex.	640
San Antonio, Tex.	625
Richmond, Va.	599
Oklahoma City, Okla.	534
Norfolk-Portsmouth, Va.	501

\$300 to \$500

Nashville, Tenn.	\$ 459
Tulsa, Okla.	452
Jacksonville, Fla.	428
Charlotte, N. C.	374
Charleston, W. Va.	340
Tampa, Fla.	316



An aerial view of the Georgia Ports Authority property in Savannah, Ga., showing the 2,047 foot long marginal wharf, backed up by more than 2,000,000 square feet of warehouse space. Three modern transit sheds are being constructed along the wharf.

Savannah Dedicates New State Docks

THE \$6,000,000 new Savannah State Docks of the Georgia Ports Authority, which are to be officially dedicated in ceremonies on November 11, will give Georgia one of the most modern and efficient docking and cargo-handling facilities in the world.

Special trains are expected to bring hundreds of persons from throughout Georgia to attend the dedication and inspect the streamlined new port facilities. In addition, high state and federal officials, including Governor Herman E. Talmadge, will be joined by delegates to the 41st international convention of the American Association of Port Authorities, which is meeting in Savannah November 11-14 in connection with the formal opening. Henry W. Sweet, of Savannah, general manager of the Georgia Ports Authority, which operates the state docks and warehouses, is president of the AAPA.

The new Savannah facilities consist of five shipping berths, one of which is the \$60,000 oil dock leased to the Southland Oil Corporation; three modern transit sheds; five miles of new railroad tracks to the docks, additional roadways and truck ramps. The Authority's property already has 8 miles of railroad track and an extensive network of roads.

Started in January of 1951, construction of the wharf and transit sheds has

been somewhat hampered by delay in obtaining vital materials due to shortages brought about by the Korean War and the steel strike. Port officials expect, however, that the facilities will be finally completed and put into full-scale operation early in 1953.

Essentially, the new facilities include a concrete deck 80 feet in width and 2047 feet in length along the channel of the Savannah River. This marginal wharf will provide berthing space for four vessels of the Liberty class. (The Southland Oil Corporation's oil dock is a separate structure and not included.) The four berths are served by three transit sheds, arranged so the docks can be operated as three berths of approximately 630 feet in length each. This will accommodate any of the larger type cargo carriers now projected or anticipated in the next few years.

The wharf is supported on precast concrete piles in front of a steel sheet pile bulkhead supporting a fill. Forty-six feet of the deck serves as an apron in front of two of the transit sheds with 35 feet being utilized for the same purpose in front of the third shed.

Two ship-side tracks will be built on the 46-foot apron and one track on the 35-foot apron. The apron's design provides for future installation of gantry cranes in front of two transit sheds.

The transit sheds have a nominal width of 165 feet with the front portion resting on the concrete deck and the remainder on the solid fill behind the bulkhead. Two of the sheds are 450 feet long and provide approximately 74,000 square feet of covered transit storage space. The third shed, with a length of 360 feet, will have 59,000 square feet of space. The sheds will have concrete floors throughout, skylights and roof ventilators, and will be equipped with adequate lighting for night operation. The buildings will also be protected by an automatic sprinkler system and a modern fire alarm system.

Roof construction consists of precast light-weight concrete slabs covered with a tar and gravel built up roof. Skylights and roof ventilators are provided. Side-wall construction consists of corrugated metal on steel framing, except the lower five feet which is reinforced concrete.

On the rear of the transit sheds is a 12 foot wide platform, covered with a canopy, with the platform located at car floor height and served by two tracks with space provided for the eventual installation of a third track behind the first two transit sheds. Back of the depressed tracks is located the main service road for the waterfront facilities.

Truck loading docks are provided at each end of the first two transit sheds

and at the south end of third transit shed. The spacing between transit sheds being approximately 180 feet, there is adequate space available to provide a central drive from the main service road to the apron and still provide 12 feet wide, canopy-covered loading platforms, on each transit shed and allow some 55 feet between each platform and the central drive for truck parking. This will allow from 20 to 40 trailer trucks to be served simultaneously at the docks.

Provision has also been made to permit trucks to enter any of the transit sheds at the ends as well as an additional entrance ramp in each fire section of two of the transit sheds from the main service road. Transit shed doors for truck entrances and on the ship apron side of the structure are steel rolling doors 20 ft. wide x 14 ft. in height. Doors on the ship side are located one in each bay or approximately on 45 ft. centers.

According to Harry Robert, Jr., special projects engineer of Robert and Co., the designers of the facilities, "The general lay-out and arrangement of the transit sheds for rail and truck services are very similar to recommendations which grew out of studies by the Maritime Commission a number of years ago and current recommendations in the Engineering Manual of the U. S. Engineers."

The docks have been designed primarily as a system of interrelated services—berthing, loading and unloading facilities, open and covered storage for various types of commodities, rail and highway facilities, the leasing of industrial areas, cold storage and other facilities incidental to trade in the port.

In addition to the dock project, plans call for the installation of every type of service required by ships while in port, including dining facilities and recreational areas for crews.

The port site, located on the Savannah River approximately 4 miles from the center of Savannah, already had 2,000,000 square feet of warehouse space with paved floors and automatic sprinkling system when purchased from the federal government in 1948 for \$808,100. Today, with the new facilities and improvements, the port property is estimated to be worth over \$15,000,000.

The recently-modernized warehouses, which give the new docks some of the most extensive back-up facilities to be found in any Gulf or South Atlantic port, at present are more than three-fourths filled with a wide variety of products. Operation of the warehouses has enabled the Georgia Ports Authority to be self-sustaining for nearly two years before official opening of the docks.

The port site is served by 26 truck lines, and five important railroads—the Atlantic Coast Line, Central of Georgia, Savannah and Atlanta, Seaboard and the Southern Railway. More than 500 railroad freight cars can be handled on the Port Authority's 13 miles of track.

D. Leon Williams, of Atlanta, Director of Commerce for the Georgia Ports Authority, reported recently that tentative commitments have already been made for approximately 350,000 tons of general

cargo to be handled through the new facilities in 1953.

He further explained that the Authority, which already maintains offices in Atlanta and New York in addition to Savannah, plans to open a Chicago office in the late fall to help promote traffic through the Georgia port.

General Manager Sweet, emphasizing the importance of the new state docks to Savannah, the State of Georgia and the South, said, "The new port will be a major asset to this region's booming industrial, commercial and agricultural expansion."

"Savannah is not only the logical gateway to much of the great new Southern market, but is also a first-class location from which the products of the South can

be shipped to Latin America, Europe, Africa and the Middle East."

Mr. Sweet explained that port officials expect the new facilities to play an important role in promoting the sound economic growth of the South and "at the same time, more than adequately serve the markets and producers of the Midwest."

The Georgia Ports Authority consists of three members. James D. Robinson, Jr., Atlanta banker, is Chairman, the other two members being Peter Roe Nugent of Savannah and M. M. Monroe of Waycross. James W. "Taxi" Smith, of Albany, is counsel for the Authority.

The facilities were designed by Robert and Company, Architects and Engineers of Atlanta.

Reichhold Opens New Charlotte Plant To Serve Growing Needs of Textile Industry

REICHHOLD Chemicals, Inc., world's largest manufacturer of synthetic resins, is about to launch an extensive line of synthetic resins and allied chemicals expressly for the textile industry. Mr. Henry H. Reichhold, president of the firm, made the announcement at an open house ceremony recently, which formally opened the company's new plant in Charlotte, N. C., which will specialize in products for the textile field, in addition to resins already in production for several months for the plywood and furniture industries.

As a result of the decision to enter the textile chemical field, it will be necessary to enlarge current resin-producing capacity at the Charlotte plant, which now stands at 36 million pounds annually. According to Herbert Helbig, plant manager, present production of more than

a million pounds a month was only possible with the cooperation of important Southern manufacturers of furniture and plywood—heavy users of adhesives, glues and other materials incorporating synthetic resins.

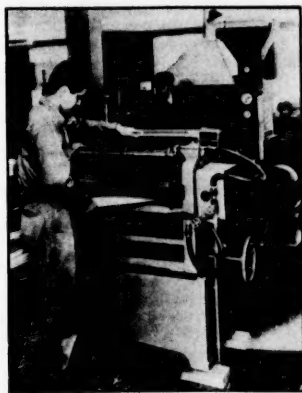
Initially, the plant will turn out for textile processors crush-resistant and water-repellent resins. In addition, plans are being made to produce a number of sizes of both the temporary and permanent type.

At the same time, chemists in the fully-equipped RCI testing and research laboratory at the plant will continue their experiments on development and improvement of anti-static, delustering, detergent and sequestering agents, as well as other chemicals used extensively in textile mills. These facilities will also have to be enlarged to accommodate needs of textile manufacturers.

Occupying a seven-acre site in the heart of the Southern textile industry, the Charlotte plant is headquarters for the company's Central Atlantic manufacturing division and is temporarily functioning as a warehousing and distribution center for surface coating materials produced by other RCI divisions. The installation houses, among its gigantic equipment, a 7800-gallon stainless steel reactor and a dozen 20,000-gallon storage tanks.

Large-scale entry into the textile chemical field marks the second major expansion of Reichhold Chemicals, Inc., in recent months. Earlier, company officials revealed they had expanded production facilities at their Tuscaloosa (Ala.) plant in order to furnish phenolic resins for use in the revolutionary shell-molding process now being adopted by leading foundries.

The Charlotte unit is the tenth domestic plant of RCI, which also has 19 manufacturing subsidiaries and affiliates abroad. Last year RCI sold close to \$100,000,000 worth of materials, doubling its 1947 sales record.



The new RCI lab will also serve Southern plywood and furniture manufacturers, who will benefit from the exhaustive experiments carried on there by the world's largest manufacturer of synthetic resins.

Greater Emphasis on Southern Locations For Industry

By Sidney Fish
Industrial Analyst

DURING the next few years, as the defense production program levels off and perhaps becomes less substantial Southern cities will have to become even more effective than they have been in their efforts to win new industries.

The industrial expansion of the South will continue, because of the factors that have led to steady growth during the last decade—rich markets, plentiful raw materials, good labor, and many others.

But the South should not assume that this means that competition with other sections of the country will continue on the present level, where an industry faces the problem of making a selection of a site from among many different areas. In many cases, the choice will depend on the success with which individual Southern communities can present their cases to prospective employers.

New England, the Midwest and the Pacific Coast are all actively competing for new industries. They are making strong inducements, such as offering plants virtually free of charge. This may make it more necessary for Southern cities to cite all of the facts, so that arguments of other sections will be answered.

The time has passed when a city in the South, or any part of the country, can be sure that it will be selected over other areas, merely because the tax rate is low, or the labor supply is plentiful. It will be necessary for each community to be able to marshal all of the data that a prospective employer wants to know, before he makes his choice. The South can be sure that when it has presented all of the facts that it will continue to win many new industries.

An illustration of the comprehensive study that now goes into the selection of a plant site is provided by the way in which the E. I. du Pont de Nemours Company went about finding a home for a new plant that is to make Dacron, a polyester fiber for use in making textiles.

This multi-million plant which each year will produce 35 million pounds of Dacron fibre was finally located at Kinston, N. C., and the huge Dacron plant is now rising there.

But before this site was chosen, du Pont engineers went on the 13 months search. They traveled 20,000 miles in all areas, examined 87 different plant sites, and conferred with scores of company specialists. Eventually they chose a 635 acre farm eight miles from Kinston, in the tobacco lands of North Carolina. The Dacron plant is the first large industrial

plant in what has been a predominantly agricultural area, until now.

The selection of Kinston was finally based primarily on the fact that the town is close to the plant's customers—the big producers of textiles in the Carolinas. Also, raw materials used in making Dacron could be easily shipped in from Texas. In this case, the polyester fibre yarns are produced from chemicals that are made from petroleum and shipped from Texas. If the chemicals needed in making Dacron were tonnage items like sulphuric acid, which sells for a cent a pound, Kinston would not have been chosen.

But there were 83 factors in all that were weighed before the choice of Kinston was made. Among the items studied in detail were:

The availability and capability of the labor supply; (the survey showed an immediate supply of 1200 men and women, and 3,000 within 5 years).

Wage levels, both in plant construction and in operations.

The attitude of labor, as indicated by the labor relations history of the city.

Housing factors, including the availability of housing, sanitation, stores, schools, churches, recreation, and hospitals.

Rail schedules and yards and switching facilities

Highway access, bus and freight lines

Airports and airlines

Soil, drainage, topography, climate and flood risks.

Waste disposal—minimum stream flow and regulations.

State and local taxes, building codes and public debt.

Electricity—availability, dependability and cost

Gas and steam availability, dependability and cost.

Water supply—quantity and quality both to be considered.

Raw Material Needs—quantity, source, cost at source, and freight to the plant.

Other industries in the area

Other factors studied were sales forecasts for Dacron, the pattern of distribution and freight costs on the finished product; also storage facilities available for raw materials and finished product.

Virtually all of the sites which received serious consideration for the Dacron plant were in the South. The du Pont engineers, who made the selection of Kinston, said that few areas score 100 on the comparative chart which is pre-

pared of the competing sites. Some disadvantages can be overcome at a low cost; others can be endured. The final choice is often a compromise, governed by the main factors which are regarded as of predominant importance. In this case, one of the most important factors was the situation of major textile plants as customers, near Kinston. This is merely another illustration of what has become apparent in recent years,—that industry tends to attract more industry, and that the task of winning new plants becomes progressively easier, as the South becomes more heavily industrialized.

It is interesting to note that du Pont did not allow a temporary housing shortage, caused partly by a nearby Air Force installation to affect the decision. The community is planning an expanded building program which will improve the housing situation.

Highways were given attention, because the company wanted to attract workers from a wide area.

On recreational and spiritual factors, the Kinston area scored high. Investigation showed a total of 40 churches, a municipal swimming pool, five community centers, an athletic stadium seating 2,474; a professional baseball club; and six motion picture houses.

Kinston rated 93 out of 100 points and was chosen by du Pont as the site for this important plant. But several other Southern cities ranked as high, or even higher, on a point basis.

In this case, the merits of the town were fully explored by competent engineers. In too many cases, however, the prospective employer is not equipped to evaluate the advantages of a town. And the town itself is not prepared to list all of the 83 factors such as were explored by du Pont. These factors may be spelled out for the benefit of smaller employers who are not well equipped to make a thorough survey designed to uncover the best location. The task of developing the necessary facts for each town may be assigned to experts in community and manpower, water and waste, etc.

Engineers who specialize in plant location studies say that too often, the choice of a site is made on the basis of emotional, rather than scientific considerations. The company will say "we have always been here, let's not move away from our first location." Or the company will give too much attention to one factor, to the exclusion of all others. Southern communities are learning that they must spell out community and educational advantages which are available to new employers instead of merely stressing markets, low taxes, or labor supply. In too many cases, plant selections are heavily overweighted in favor of large cities, merely because it is assumed that educational advantages, etc., can be obtained solely in the big metropolitan centers of population.

One factor that occasionally induces an employer to retain his location in the overcrowded sectors of the North is the belief—often erroneous—that it will be easier for him to retain or recruit hard-

to get engineers, research men or other valuable technical personnel. A concentrated effort should be made by Southern industrial areas to show how this has ceased to be a problem, partly through tapping the rich supply of Southern-trained technical men.

The growth of Southern schools and universities, the efforts that are being made in local communities to reinforce cultural activities, the enlarged and strengthened Southern hospitals and medical schools,—all these and many other developments can be stressed with telling effect, while continuing to take full advantage of the South's outstanding advantages as a rich market, as a source for low cost materials, and productive labor.

The trend towards long range planning in top management means that such promotional efforts in behalf of the South should be directed towards instilling a new concept of the broad advantages of Southern plant locations, as they exist today, and as they will be ten or twenty years from now. With industrialization proceeding at such a rapid rate, all of the supporting services and trades will be developing in Southern plant locations that will make living even more pleasant than today.

Many companies today are working on five year or ten year development plans. This means that even if such companies may not be shopping for a Southern plant location at present, they may have in mind such a plant under a gradual decentralization program, or to take advantage of a shift in markets.

Most large companies today get outside assistance in selecting plant sites and in shaping up their long range programs. Engineering companies that specialize in plant location, market research, etc. therefore, should be carefully cultivated, so that they may be made aware of all of the advantages in Southern locations. Their advice to clients will often result in a new industry selecting a Southern site.

Leonard Yaseen, senior partner of the Yaseen Factory Locating Service, which advises manufacturers on plant location problems, says that there are many things that a community can do to attract industry by improving its physical appearance.

The first impressions of a community received by a visitor, Mr. Yaseen says, are the railway, air transport and highway terminals. Cleanliness and courtesy at these terminals makes a favorable impression. Lack of congestion on the arteries of travel is also an important factor, Mr. Yaseen says, in creating a receptive attitude on the part of visiting industrialists.

Good hotels, well-paved and well-lighted streets are also important factors in assuring a good initial impression, he says, along with well-maintained homes, absence of slums, modern public buildings.

Questions which each community should ask itself, Mr. Yaseen says, include the following:

1. Are we treating present manufacturers fairly?

2. Have many companies moved out?
3. Is the city in good financial condition or is its per capita debt out of line?
4. Does the city provide a full measure of community service for the tax dollar assessed?

5. Are the law enforcement and public safety agencies functioning properly or is there laxity and graft in public office?

6. Are there sensible restrictions on waste disposal, fumes, etc.?

7. Have the zoning ordinances and building codes been modernized?

Southern cities will have little to fear in meeting an inspection based on those questions, because in almost every case they are making their communities attractive to new industry.

Stanolind Research Center Now One-Quarter Complete

STANOLIND Oil and Gas Company's new research center at 41st and Yale, Tulsa, Oklahoma, is now approximately 25% complete, Stanolind officials reported recently.

Company president E. F. Bullard stated that barring future holdups due to a shortage of pipe or other steel supplies, the research center will be finished early in 1953, probably shortly after the first of the year.

Thus, far, Stanolind has experienced no slowdowns because of the steel situation. At this time, all structural and reinforcing steel is either on the construction site or in the shop. Structural steel is being used in only two buildings. All other buildings, including the main structure, utilize reinforced concrete for framing, thus effecting a sizable saving in steel.

Of the four buildings which make up the center, the three-story main building is the farthest along in construction. The concrete structural frame is 95% complete and the brickwork on the lab-

oratory section of the main building is three-fourths finished. The main building will house both the offices and laboratory.

In the other three buildings, which include the heavy experiments laboratory, the pilot plant and the service and maintenance building, the outside concrete structural work is almost complete.

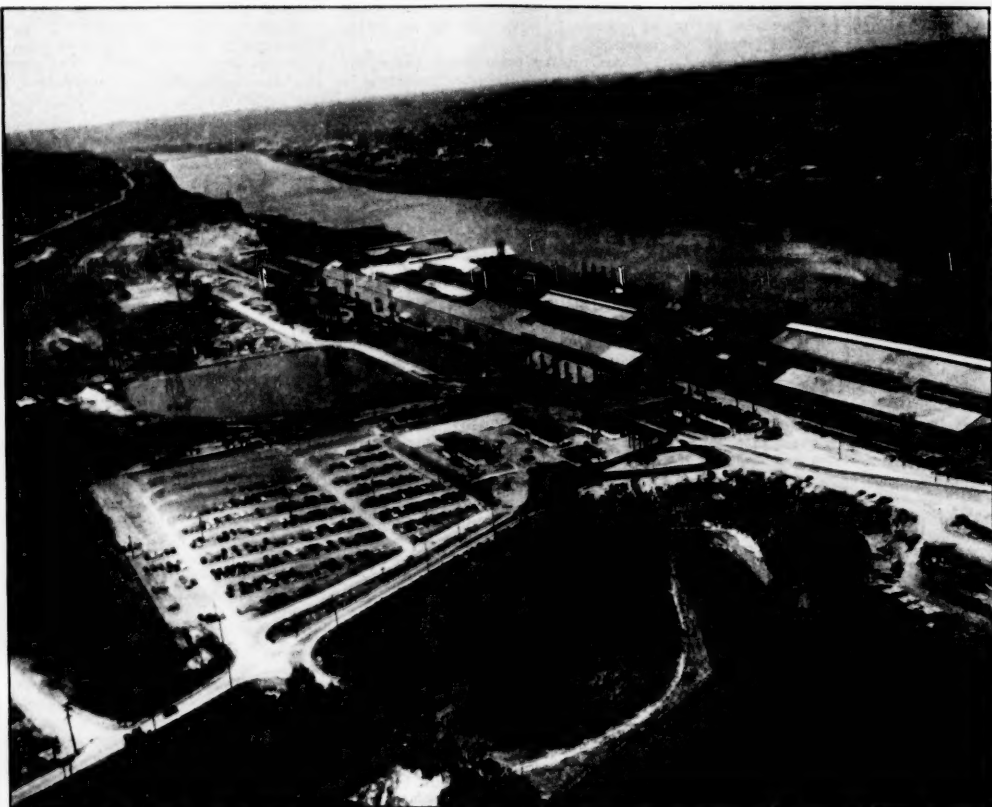
When completed, the research center will house approximately 450 Stanolind employees who are now located at 1136 North Lewis.

Stanolind's project engineer on the job is H. S. Waughtel. Paul Lorenz is architectural engineering supervisor for the company. Manhattan Construction Company has the prime contract on the job, with C. Wallace Plumbing Company having the mechanical sub-contract and Fishback and Moore the electrical sub-contract. Manhattan's superintendent on the job is L. L. Foster; Fred Sasser represents the Wallace firm, and Frank B. Cugler is in charge of electrical work for Fishback and Moore. (See page 47)



"Security? That's
what I'm after!"

CONSTRUCTION



Aerial view of western end of Armco Steel Corporation's plant at Ashland, Ky., where \$35,000,000 expansion program is underway. In the center is the new hot strip mill building. In center foreground are the new office buildings and gatehouse.

September Awards Total \$226,709,000

By S. A. Lauver
News Editor

SOUTHERN construction in the first nine months has mounted to \$4,646,295,000, a figure within one per cent of the level established in the comparable period of last year. September's contribution was \$226,709,000.

Three of the five types of construction, as tabulated from reports in the daily bulletin of the MANUFACTURERS RECORD, showed stronger totals than their last year's counterparts.

The \$2,190,046,000 for industrial projects this year so far is about four per cent ahead of the value placed on such work in the first nine months of 1951. Totals for both periods contain substantial contracts for federal atomic and hydrogen bomb plants.

Public building, the second largest figure in the current total, is up fourteen

per cent. The current nine-month total is \$765,917,000. Last year at this time, it stood at \$671,203,000.

Value of highway and bridge projects, as reported in the daily bulletin for the nine elapsed months is \$519,873,000, this a ten per cent gain when compared with the total in the first three-quarters of 1951.

The other two elements in the current grand total are \$592,324,000 for private building and \$578,135,000 for heavy engineering construction. Decreases registered in these were twenty-five per cent and fifteen per cent, respectively.

Currently, public building includes \$532,274,000 for government buildings as such and \$233,643,000 for schools. The government building figure shows an increase of forty-four per cent. School

building has dropped twenty-two per cent.

Private building's \$592,324,000 ranks third in the nine-month picture. Its constituents are \$444,964,000 for residential work; \$71,044,000 for assembly buildings; \$39,997,000 for commercial building and \$36,319,000 for office projects. Assembly building gain about twenty-four per cent.

One of the elements in the engineering construction category was stronger in the current nine months. This is government electric work. Its total is \$97,577,000, as compared with \$40,339,000 in the similar period last year.

Total for dams, drainage, earthwork and airports this year is \$369,087,000. In the first nine months of 1951 it was recorded at \$514,675,000. Sewer and water works totaled \$111,471,000; last year at this time, it was \$119,158,000.

September's \$226,709,000 is the low point in a three-month cycle which

started at a \$1,518,141,000 peak in July with an intermediate \$438,180,000 for August. The July figure, incidentally, was the high point for the year so far.

Included in the September figure, listed according to dollar value, were the \$57,517,000 for industrial projects; \$49,895,000 for public building; \$44,054,000 for highways and bridges; \$39,184,000 for private building and the \$36,059,000 for heavy engineering construction.

In the preceding month the values reported for the several categories were: Industrial, \$149,745,000; public building, \$66,595,000; highways and bridges, \$68,862,000; private building, \$63,595,000; heavy construction, \$89,383,000.

Totals for September of 1951 were: Industrial, \$28,873,000; public building, \$60,220,000; highways and bridges, \$79,840,000; private building, \$46,831,000, and heavy construction, \$36,788,000.

The current \$49,895,000 public building total is made up of \$32,983,000 for city, county, state and federal projects, including hospitals, and \$16,912,000 for schools. Both categories represent declines.

Included in the private building figure for September are \$19,762,000 for residential projects; \$7,343,000 for assembly buildings; \$6,804,000 for office buildings and \$5,275,000 for commercial buildings. The office building aggregate is up about nine per cent. Drops were registered in the other three divisions.

Heavy engineering construction embraces \$19,489,000 for dams, drainage, earthwork and airports; \$10,483,000 for sewer and water works projects, and \$6,087,000 for government electric work. In August, the totals were \$23,647,000, \$25,352,000 and \$40,384,000, respectively.

The last month of the summer saw southern highway departments still active in placing projects under contract. Texas, as usual, held the largest opening. Low bids totaled \$7,966,000. Two openings were in the four million dollar category. These were Oklahoma, \$4,291,000; Florida, \$4,231,000. Other openings above the million dollar mark were: Georgia, \$3,028,000; North Carolina, \$1,976,000, and West Virginia, \$1,351,000.

Government controls were partly discontinued last month in the residential finance field, when the Federal Reserve Board suspended Regulation X following the declaration of the Labor Department that non-farm housing starts had fallen below an annual rate of 1,200,000 units in the previous three months.

While the declaration ended the emergency limitations on the amount of credit purchasers of new houses and commercial properties could obtain, it does not lower the level of down payments required by banks and other loan institutions, who are expected to continue the demand for substantial deposits in accord with sound banking practice.

The Reserve Board announcement followed a federal control relaxation in the preceding month that permitted builders to obtain increased quantities of copper and aluminum under the so-called "self authorization" procedure. Thus, most types of buildings, within certain limita-

CONSTRUCTION

SOUTH'S CONSTRUCTION BY TYPES

	September, 1952 Contracts Awarded	Contracts to be Awarded	Contracts Awarded First Nine Months 1952	Contracts Awarded First Nine Months 1951
PRIVATE BUILDING				
Assembly (Churches, Theatres, Auditoriums, Fraternal)	\$ 7,343,000	\$13,451,000	\$ 71,044,000	\$ 57,151,000
Commercial (Stores, Restaurants, Filling Stations, Garages)	5,275,000	23,385,000	39,997,000	45,269,000
Residential (Apartments, Hotels, Dwellings)	19,762,000	32,912,000	444,964,000	643,806,000
Office	6,804,000	12,068,000	36,319,000	46,328,000
	\$39,184,000	\$82,826,000	\$592,324,000	\$792,554,000
INDUSTRIAL	\$57,517,000	\$21,064,000	\$2,190,046,000	\$2,111,201,000
PUBLIC BUILDING				
City, County, State, Federal, and Hospitals	\$32,983,000	\$166,687,000	\$532,274,000	\$367,800,000
Schools	16,912,000	41,936,000	233,643,000	363,483,000
	\$49,895,000	\$208,623,000	\$765,917,000	\$671,283,000
ENGINEERING				
Dams, Drainage, Earthwork, Air- ports	\$19,489,000	\$ 53,460,000	\$369,087,000	\$314,675,000
Federal, County, Municipal Elec- tric	6,087,000	23,479,000	97,577,000	40,339,000
Sewers and Waterworks	10,483,000	58,392,000	111,471,000	119,158,000
	\$36,059,000	\$135,351,000	\$578,135,000	\$674,172,000
ROADS, STREETS, BRIDGES	\$44,054,000	\$181,428,000	\$519,873,000	\$471,335,000
TOTAL	\$226,709,000	\$629,102,000	\$4,646,295,000	\$4,720,465,000

tions, could be erected without formal written application to federal agencies.

One authority in the finance field expects accelerated activity in the office and commercial structures field. George W. Warnecke, head of a national mortgage investment firm, said that "an unusually high amount of loan requests" indicates there will be more such projects in the near future. He mentioned Atlanta, Kansas City, New Orleans and St. Louis, among other cities, where the buildings might rise.

An authority speaking for the construction industry sees not only a tremendous backlog in office and commercial construction, but in residential, industrial, institutional and residential. This au-

thority, the Associated General Contractors of America, observes, however, that money is harder to secure and difficulties are encountered in determining when materials will be available to complete projects undertaken.

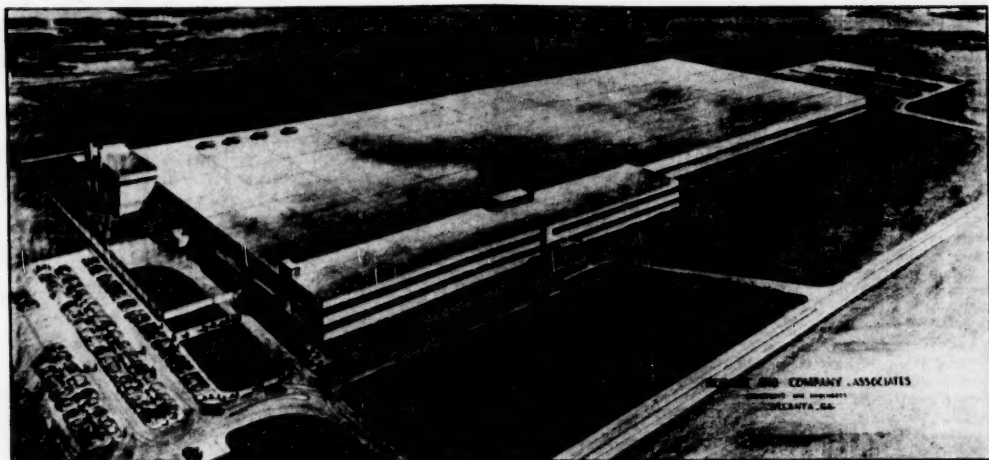
Although a month behind, the federal departments of labor and commerce estimated that expenditures for new construction in August rose seasonally by two per cent to \$3,152,000,000, a record.

Private new construction was estimated at \$2,042,000 in August; public work at \$1,110,000. New homebuilding accounted for forty-six per cent of the private total. Thirty per cent of the public outlay was set for defense construction, with a similar amount for highway work.

SOUTH'S CONSTRUCTION BY STATES

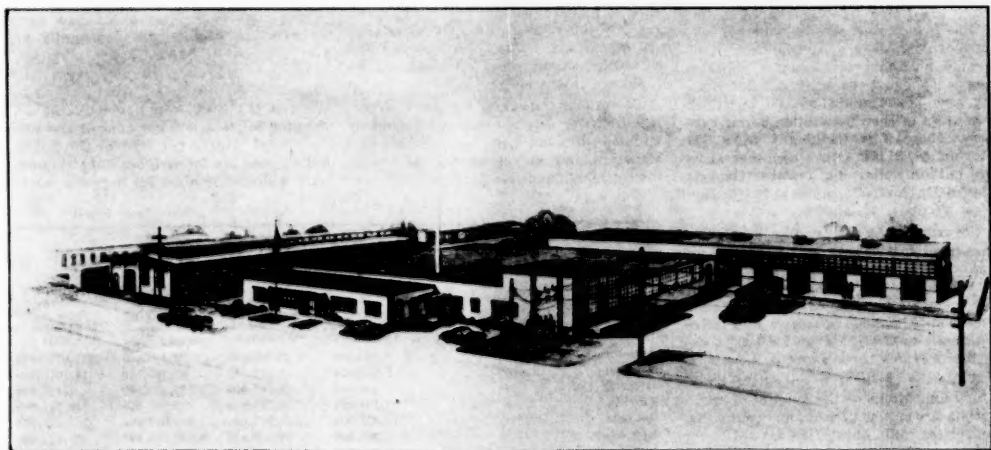
	September, 1952 Contracts Awarded	Contracts to be Awarded	Contracts Awarded First Nine Months 1952	Contracts Awarded First Nine Months 1951
Alabama	\$ 5,394,000	\$ 23,063,000	\$231,168,000	\$253,746,000
Arkansas	8,918,000	6,577,000	63,787,000	143,679,000
Dist. of Col.	290,000	54,291,000	39,348,000	31,140,000
Florida	27,197,000	76,384,000	375,288,000	416,836,000
Georgia	33,822,000	51,367,000	233,037,000	163,456,000
Kentucky	8,835,000	21,675,000	529,119,000	457,977,000
Louisiana	11,244,000	21,135,000	332,533,000	346,099,000
Maryland	17,329,000	70,924,000	276,668,000	340,177,000
Mississippi	3,158,000	15,643,000	95,518,000	130,408,000
Missouri	4,861,000	11,345,000	71,650,000	140,456,000
N. Carolina	11,617,000	18,747,000	198,360,000	298,899,000
Oklahoma	11,733,000	14,079,000	121,947,000	66,892,000
S. Carolina	10,098,000	7,473,000	147,176,000	478,806,000
Tennessee	15,714,000	7,634,000	734,631,000	186,835,000
Texas	44,764,000	181,796,000	838,333,000	945,749,000
Virginia	10,783,000	42,293,000	230,961,000	269,471,000
W. Virginia	1,832,000	4,924,000	66,731,000	47,239,000
TOTALS	\$226,709,000	\$629,102,000	\$4,646,295,000	\$4,720,465,000

INDUSTRIAL



IN NORTH CAROLINA

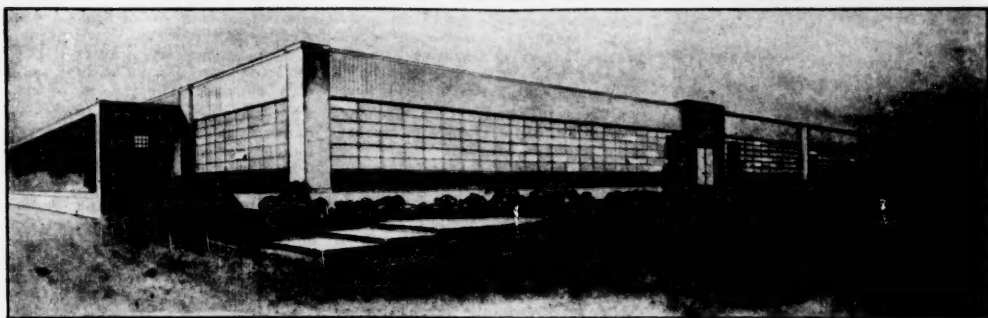
Multi-million dollar plant to be constructed at Raleigh for manufacture of electric meters by Westinghouse Electric Corp. It will contain 500,000 feet of floor space, and is located on a 100-acre site in Wake County just north of the state capital. Robert & Company Associates of Atlanta are the architects and engineers.



IN GEORGIA

Alumni-Trim, Inc., has completed these new buildings and has installed equipment at its plant at Rome. The new plant, the first of its size in the South, and one of the largest independent plants of its kind in the nation, will furnish finished extruded aluminum moldings. Its capacity will be a million and a half pounds per month.

EXPANSION



IN TENNESSEE

The contract to build this new hardware plant for Yale and Towne Manufacturing Co., at Gallatin, has been awarded to R. C. Matthews Contractor, Inc., of Nashville. Marr and Holman of Nashville are the architects and engineers. The plant, scheduled for completion by the end of the year, will have a floor area of 75,000 square feet. (See page 43).



IN OKLAHOMA

Stanolind Oil & Gas Company's new petroleum research center at Tulsa is well underway. Building in the center of the picture is the main portion of the project and will house both the offices and laboratories. Buildings in the background include the heavy experiments laboratory and service and maintenance buildings.

SOUTHERNERS AT WORK

Atlantic Steel Advances O'Neill to Sales Post

R. E. O'Neill has been appointed assistant general manager of sales of the Atlantic Steel Company, Atlanta, it was announced recently by H. B. Johnson, company vice-president.

O'Neill has been with Atlantic Steel for 19 years, and has served in various



R. E. O'Neill

operating and sales capacities. Prior to his acceptance of this new post, he was manager of the company's rolled products sales division.

In his new position, Mr. O'Neill will have responsibility for the administration of the sales department and of the various sales divisions handling mill products.

At the same time, G. O. Stevenson was named manager, rolled products sales division. Stevenson was formerly connected with Republic Steel Corporation, and has been with Atlantic Steel for five years.

C. F. Williams is general sales manager for the company.

Raleigh Industrial Bank Names Underhill, President

The election of Gary M. Underhill as president and member of the board of directors of the Raleigh Industrial Bank, Raleigh, N. C., was recently announced. The appointment, effective October 1, was announced by L. A. Lentz, president of the bank who has been elevated to the position of chairman of the board.

Mr. Underhill comes to his new posi-

tion from the Girard Corn Exchange Bank in Philadelphia where he has held the post of vice president.

Although born and educated in Virginia, Mr. Underhill is of a Wake County family. He began his banking career in 1928 as secretary to Thomas C. Boushall, president of the Bank of Virginia at Richmond, and was assistant vice president of that bank when he was called into service in 1944.

After service with the Navy during the war, he became executive director of the Consumers Bankers Association, Washington, D. C. In 1948 he went to Philadelphia as executive vice president of the Charter Bank. He was elected a vice president of the Girard Trust Co. in December 1949, which bank and the Corn Exchange National Bank and Trust Co. were merged in 1951.

Brown & Root Names Towne, Vice President

The election of I. N. Towne as a new vice-president of Brown & Root, Inc., has been announced by Herman Brown, president of the engineering and construction firm.

Mr. Towne will operate out of Houston, and has just been recalled from the island of Guam where for the past six years he has been project manager of a large construction contract employing over 7500 men. This contract was with Brown-Pacific-Maxon, a joint venture group composed of Brown & Root, Inc., Pacific Bridge Company, and Maxon Construction Company, Inc.

Prior to his service with the joint venture Mr. Towne was with the Massman Construction Company of Kansas City where as construction manager he completed the \$100,000,000 St. Louis Ordnance Depot and the \$25,000,000 Milwaukee Ordnance Plant. Previous to this he was with Maxon Construction Company, Inc., of Dayton, Ohio and was in charge of construction of locks and dams on the Mississippi River.

A native of Arizona, Mr. Towne grew up in Kansas and has been in the construction business all of his professional life.

Central of Georgia Advances C. L. Deal

Clifford Lanier Deal has been promoted to Assistant to the Vice President of the Industrial Development Department, Atlanta, of the Central of Georgia Railway and Francis Adrian Norton has been elevated to Assistant General Industrial Agent.

Mr. Deal began his career with the Railway as Messenger, Master Car Builder's office, Savannah, in 1926. He held clerical positions in the Accounting Department and Savannah Division Superintendent's office and became Stenographer-Clerk in the Macon Traffic Agency in 1937. He later served as Chief Clerk at that point, as Freight Traffic Agent at Birmingham, and



C. L. Deal

Traveling Freight Agent at Macon. He entered the Industrial Development Department as Industrial Agent, Atlanta, September 1, 1944, and was promoted to Assistant General Industrial Agent, October 1, 1950, an assignment he held until his new promotion. He is a native of Statesboro, Ga.

Mr. Norton is a native of Beardstown, Ill., and also joined the Central in 1926, beginning as Clerk in Division Passenger Agent's office, Macon. Later he served as Stenographer in freight traffic work at Jacksonville, Macon, and St. Louis; Stenographer-Clerk, Atlanta; Chief Clerk, Chattanooga and Atlanta; Freight Traffic Agent, St. Louis and Atlanta; and Traveling Freight Agent, Atlanta. He was appointed Industrial Agent in the Industrial Development Department, Atlanta, on April 16, 1945, a position he held until his recent promotion.

Temco Names A. C. Olney Assistant to President

Capt. A. C. Olney, U.S.N.-Ret., has joined Temco Aircraft Corporation, Dallas, Texas, as a special assistant to the

president, Robert McCulloch, Temco president, has announced.

In his new post, McCulloch said, Capt. Olney who will be advanced to the rank of Rear Admiral on the retired list will handle many special assignments including the organization of a field service department to follow through on F3H Demons and other Temco aircraft once delivery to the armed services gets underway.

Capt. Olney, who served as Dallas Bureau of Aeronautics Representative for three years before retiring to join Temco, is a veteran of 26 years' experience in Naval Aviation. During that time he has acquired more than 6,000 hours of flying time in nearly 75 different types of aircraft including helicopters, sailplanes and four different jet models as well as every class of conventional aircraft from trainers to four-engined transports.

A native of Charleston, S. C., Olney graduated from the U. S. Naval Academy in 1923 as an Ensign. After two years of routine duty on battleships, he was ordered to Pensacola for flight training. At Pensacola he was promoted to Lieut. JG, and in 1926 received his pilot's wings. He was then assigned to Cruiser Aviation.

Bendix Names Straw Mobile Sales Manager

Lawrence J. Straw has been named Mobile Sales Manager of the Bendix Radio Division of Bendix Aviation Corporation. The appointment was announced by Arnold Rosenberg, General Sales Manager of the Division.

In his new capacity, Mr. Straw will head up a newly created national sales

and navigation systems and railroad radio.

Straw joined Bendix in February 1952, having previously been associated with Capehart-Farnsworth as Service Manager and as Assistant to the General Manager of the Technical Products Division. Prior to this he had been associated with Raymond Rosen Engineering Products in Philadelphia as an electronic engineer responsible for equipment and system design of telemetry projects for the United States Air Force and the Atomic Energy Commission, and as an electronic engineer at the Philadelphia Naval Base where he was responsible for VHF, UHF and radar systems design on the Aircraft Carrier Conversion Program.

Mr. Straw has served as technical Advisor to the Naval Aviation Supply officer and as a member of the Joint Army Navy Standardization Committee on Electronics.

De Luca Named Assistant Head of Phillips' Gulfport Plant

John H. De Luca has been appointed assistant manager of manufacturing operations at the Phillips' Milk of Magnesia plant in Gulfport, Miss., according to announcement by O. W. Ergenzinger, vice-president of Sterling Drug, Inc., in charge of The Chas. H. Phillips Co. Division.

Mr. De Luca will also assume the duties of purchasing agent for the Gulfport plant, which is under the management of James F. Ballard. Mr. De Luca has been personnel manager of Phillips' plant in Glenbrook, Conn., where he has served since joining Sterling early in 1946. Among his functions there was editing the company's employee publication.

Mr. De Luca, 32, received his B.S. degree in business administration from Northeastern University, later pursuing graduate studies in industrial relations at Yale and New York universities.

Lincoln Names Mueller To Engineering Post

Lincoln Engineering Company, St. Louis, Mo., manufacturers of Lubricant Application Equipment announces the appointment of Carl H. Mueller to the position of Director of Engineering. Mr. Mueller formerly Assistant to the President in charge of Product Development will assume full charge of the Engineering and Research activities of the Company. The Staff of the Engineering and Research Departments, however, will remain intact with Mr. L. C. Rotter as Chief Engineer.

Mr. Mueller joined the Company in 1934 and held the successive positions of Special Representative to Original Equipment Accounts, Sales Manager of the Industrial Division, and Assistant to



C. H. Mueller

the President. He has been a member of the Board of Directors for the past six years.

Southern Pine Association Names President, Secretary

During two action-packed days centered around important discussion of industry and Association activities, the Board of Directors of the Southern Pine Association announced the election of H. C. Berckes to the position of Executive Vice President and S. P. Deas as Secretary. The directors meeting was held in New Orleans on September 10 and 11.

Mr. Berckes has been with the Association for 38 years, the last thirty of which he has served as Secretary-Manager. Mr. Deas joined the Association staff in 1924 and has been Assistant Secretary-Manager for the past 10 years.

At the close of the board meeting, Mr. Berckes appointed F. J. Hallaron as Assistant Secretary. Mr. Hallaron has been with the Association for 29 years and has devoted much of his time to contact work among subscriber mills, as well as non-subscriber manufacturers.

P. C. Gaffney, who joined the Association staff in 1927, was made Assistant Secretary of the Southern Pine Industry Committee. Mr. Gaffney, who is Manager of the Association's Labor Information Service Department, will continue also in that position.

C. E. Anderson, who has been engaged primarily in trade promotion work in Washington, has been placed in active charge of the Washington office. Mr. Anderson has been with the Association for 5 years. Previously he was an inspector for Southern Pine Inspection Bureau for 10 years.

O. O. Bright, who had been in charge of the Washington office for 14 years, will continue to maintain his residence in the Washington headquarters and will also serve in an advisory capacity.



L. J. Straw

engineering organization, selling the Bendix line of two-way radio and communications systems. Bendix has just entered this field after concentrating for many years on aviation communication

NEW PRODUCTS

Spray Painting Gun

Binks Manufacturing Co., 3118 Carrol Ave., Chicago 12, Ill.—A new type spray painting gun for the application of the recently developed epon resin paints. A catalyst is mixed with this paint a split second before it strikes the surface.

The blending of the paint and the catalyst is accomplished with a dual-feed head on the gun. Because of the rapidity with which the paint sets up after the catalyst is added, the two are blended

most instantly. The patch becomes smooth with moving traffic and will withstand extremely heavy loads. Superset Tampatch is composed of specially prepared aggregates coated with fast drying synthetic resins and combined with asphaltic oils. The material is shipped in drums of various sizes, ready to use without mixing. When the container is kept air tight, the material will keep indefinitely and is ready for use at any time. The bonding material is delivered separately and is also available in various size containers.



Binks Spray Gun

after they leave the gun. Correct balance between paint and catalyst is of utmost importance and it is on this point that the new Binks gun is outstanding.

The spray gun is essentially a heavy-duty production gun with the precision catalyst feed system added. The exterior location of the catalyst nozzles lets the operator keep an eye on the flow of catalyst.

The hook-up for the catalyst painting system consists of the gun, an air line, and lines for paint and catalyst; 2 pressure tanks (one for paint and one for catalyst), and gauges and fittings. To assure a correct feed-ratio of catalyst to paint, the same air pressure is used on both the catalyst and paint tanks. All fittings in the system have standard pipe threads to speed hook-up and transfer of equipment.

Quick Dry Floor Patch

United Laboratories, Inc., 16801 Euclid Ave., Cleveland 12, Ohio—An improved, high-speed method to repair holes, ruts and other imperfections in concrete floors of all kinds.

This new product, known as Superset Tampatch, is highly applicable throughout industry and institutions wherever the need lies to repair floors without loss of productive time. Essentially, all that is needed is to clean and bond the surface to be patched, dump in the required material and tamp firmly into place. The patched area may be placed in service al-

Power Gas Burner

Synchronous Flame, Inc., 327 S. LaSalle St., Chicago 4, Ill.—A new Power Gas Burner, the new Syncro-Flame Power Gas Burner, designed to fit in vestibules of most gas and oil burning furnaces, is entirely independent of chimney draft.

The swirling, forced mixing of air and gas results in rapid combustion with a short flame contained within the combustion chamber. The new Syncro-Flame Power Gas Burner rapidly attains incandescence and transfers radiant heat to the heating surface of the appliance. It is said to be the highest efficiency swirling flame gas burner available at the present time. Multiple air posts assure proper adjustment, mixing of air and fuel and good flame retention to nozzle.

A mercury switch, actuated by fan air pressure, assures sufficient air for combustion before main gas valve can open. The pilot is ignited electrically by push button control; both pilot and main valve have an automatic safety shut-off in case of flame failure. Design of the special Syncro-Flame shutter prevents complete air shut-off. A quick action solenoid controls on and off operation.

Switch Assembly

Micro Division of Minneapolis Honeywell Regulator Co., Freeport, Ill.—Precision toggle switch assemblies of a new type for multiple circuit control.

Built primarily to meet the exacting vibration resistant requirements of aircraft, the assemblies will find wide use in any electrical equipment where manual or mechanical multiple circuit control is required, the company said.

The assemblies are available with from one to 10 double-throw switching elements, all operated by a single lever. The lever may be detented in the center, and either or both extreme positions, or may be self returning to the center.

Each switching element is Underwriters' Laboratories listed at 10 amperes up to 250 volts a-c, and will handle 30 volts d-c inductive loads at 10 amperes at sea level and 6 amperes at 50,000 foot altitudes.

Waterproof Switch

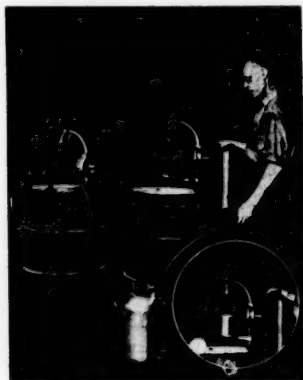
Controlled Products, Inc., Harrison, N. J.—A new type of sine curve waterproof switch is now available for general use. It has been used for the past two years on Ordnance vehicles where extreme environmental conditions are encountered.

The basic mechanism that operates this switch is a radically new type of over-center snap-action motion formed by means of a flat strip of beryllium copper punched out into the shape of a sine curve. This so called sine curve mechanism is stressed longitudinally which causes the two loops of the sine curve to form themselves into opposite helices. An outstanding characteristic of this switch is its ability to resist shocks due to its radically different configuration. The contact is in the middle of two supported ends of the over-center mechanism.

Fire Protective Pump

Protectoseal Co., 1920 Southwestern Ave., Chicago 8, Ill.—The new Protectoseal Transfer Pump provides effective protection against explosion and fire hazards in the movement of hazardous liquids from receiving drums to use containers.

Three flame arrestors are built into the pump and are an integral part of it. These are placed at the exact points necessary to prevent an explosion of vapors—at the spout, above the bung adaptor and at the strainer inlet within the drum. In addition, the pump provides for vent and pressure relief through pro-



Protectoseal Pump

tested openings. Every detail of design and construction has been engineered to secure complete safety for the operator as well as the building in which the transfer is made.

The pump is self-priming and is constructed of special aluminum alloy with a brass telescopic tube for strength, durability, light weight and resistance to corrosion. It is quickly and easily attached to the drum by hand swivel grip

connectors and the telescopic tube permits pumping from either the side or end opening of 30 gallon or 55 gallon drums. Pumping speed is 5 gallons per minute.

Air Dry Lubricant

Electrofilm Corporation, 7116 Laurel Canyon Boulevard, North Hollywood, Calif.—A new air dry lubricant, which may be sprayed or brushed on.

Lubond has excellent lubrication characteristics at temperatures from -70 to 300° F. It may be applied to steel, iron, stainless steel, lead foil, aluminum, brass, wood, cork, etc., and is resistant to hydraulic fluids, gasoline, lubricating oils, water, etc.



Electrofilm Lubond

Before applying Electrofilm Lubond, the surface should be free of grease. Improved results can be obtained by conditioning the surface with the appropriate treatment such as phosphate coating, anodizing, or sand blasting.

Lubond is recommended for hinge pins, hydraulic cylinders, gears, threads, water valves, tracks, springs, floats, bolts and nuts, actuator screws, etc.

Miniature Circuit Breaker

Mechanical Products, Inc., 1824 River St., Jackson, Mich.—"Mini-Breakers" is a new miniature branch circuit breaker that can be installed like a fuse in any standard Edison base fuseholder delivering 110-125 volt, A.C. service. It requires no additional equipment and no rewiring when applied as a direct replacement on existing fuse-protected circuits of corresponding 15, 20, and 30 ampere ratings. Anyone can install it in a matter of seconds, and anyone can restore electrical service after an overload or short circuit simply by pressing in and releasing the device's shock-proof reset button.

Although it somewhat resembles the fuse it is designed to replace, Mini-Breaker is actually a rugged thermally actuated circuit breaker consisting of 25 precision-built parts self-enclosed within a special insulating case. While designed primarily for ordinary residential, commercial, and industrial service, the device meets and exceeds the temperature extreme conditions required for approval

for aircraft use. It provides permanent, positive circuit protection, without installation cost, for anyone now depending upon expendable plug-type fuses. And it may also be applied at low cost as original circuit protective equipment for new buildings as well as on a wide range of electrically operated machines and appliances, according to the manufacturer.

Micrometer Stop-Countersink

Severance Tool Industries, Inc., 637 Iowa St., Saginaw, Mich.—A Micrometer Stop-Countersink with a non-rotating head and Positive-Lock Adjustment. Adjustment is in 1/1000" increments; making it possible to achieve precision countersinking in a most easy manner.

The new non-rotating feature of the Stop unit should speed production in most every application, in as much as, it is no longer necessary to hold the Stop unit from revolving with one's free hand. Also new is the way in which the unit is fastened to the operating gun. The new method gives the gun a shorter over-all length bringing overhang down to a minimum and making it possible to work in closer quarters.

Another feature worth noting is the full range adjustment of the cutter from zero to maximum countersinking depth.

Circular Metal Cutting Saw

Henry Disston & Sons, Inc., Philadelphia, Pa.—A new segmental circular metal-cutting saw with up to 30 per cent more productive life than any other segmental saw on the market, according to the manufacturer.

Called the Disston Chromos, the new saw features segments which are locked together by flexible tightening pins instead of rivets. This patented design, exclusive with Disston, insures perfect alignment of the segments around the entire cutting edge, and gives longer life to the saw because there are no aligning rivets to limit sharpening. It also makes possible quick replacement and automatic alignment of segments.

Disston Chromos Segmental Saws are available in diameters from 11 to 63 inches and with various tooth spacings for cutting any ferrous or non-ferrous metals. Center holes are custom drilled on order for perfect fit.

Light Weight Pump

Wilkinson Equipment and Supply Corp., 6058 S. Wentworth, Chicago, Ill.—A new drum spray pump and control unit which allows spraying from the original material container. It is not necessary to transfer lacquers, paints, enamels or special finishes because the new spray unit fits any standard drum.

NEW PRODUCTS

Perhaps the primary advantages of the unit is that it positively eliminates surge previously caused by pressure buildup when the spray gun was turned off. With the new unit, the spray gun is the only control, its action shutting off the pump and spray simultaneously. This means that when the spray is again put in operation there will be no spurts of material to damage the finishing job. Also there is no wasted material that formerly was caused by the operator's venting the first few bursts of material to even out the pressure.

Plastic Safety Goggle

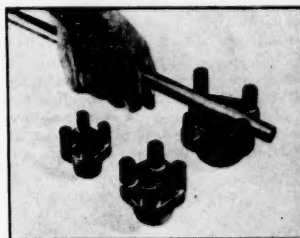
United States Safety Service Co., 1215 McGee, Kansas City 6, Mo.—A new plastic safety goggle trademarked Saf-I-Flex has been developed and is now available. It is claimed by the manufacturer that through new design and using newly developed and improved materials that this safety goggle offers features of genuine comfort in wearing and extra strength and durability never available before.

A newly designed frame of pliable Vinyl has rolled edges where it contacts the face and new type grid ventilation which makes the goggle unusually comfortable and entirely fog free. The clear frame permits full side vision.

Hand Bar Speed Knob

The Jergens Tool Specialty Co., 712 E. 163rd St., Cleveland, Ohio—The new speed knobs are constructed with four metal prongs to provide greater tightening and clamping action by simply inserting a spanner or wrench handle between the prongs.

The new Jergens Speed Knobs are made of malleable iron castings and are



Jergens Speed Knob

available from stock in a wide range of sizes in blanks, drilled and reamed or drilled and tapped. They are designed to replace standard knobs and handwheels for extra clamping action on dies, jigs and fixtures.

(Continued on page 52)

NEW PRODUCTS

(Continued from page 51)

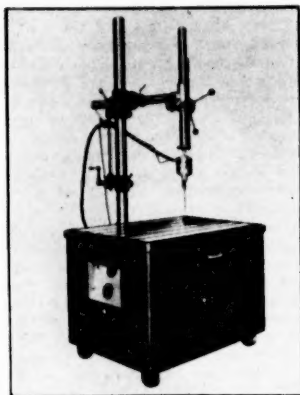
Metal Disintegrators

Electro-Arc Manufacturing Co., P. O. Box 448, Ann Arbor, Mich.—Electro-Arc's New Model 1-S Metal Disintegrator is the result of close cooperation, suggestions and assistance of hundreds of enthusiastic Electro Arc Disintegrator Users and months of very extensive engineering research.

This new model has the largest cast iron "T"-slotted ground work-plate available on this type of equipment, 28½" x 39½", which prevents large castings

borne by the rear supports to prevent "walking," yet permitting even the largest models to be wheeled around without excessive weight on the handles.

Ruggedly constructed, the Hartzell Wheel Model Utility Fan has no "frills" or "gadgets" to cause mechanical troubles. The fan can be turned vertically in a complete circle on its mounting, and locked in any position. It is excellent for such uses as kiln cooling, blasting hot spots which vary in location as the machines are operated, and similar cooling requirements which change position frequently.



Model 1-S

from hanging over the side or end of the machine and liquid coolant running on the floor. The large plate also simplifies set-up and saves time and expensive holding fixtures on job set-ups.

Castings too large for the work plate can be worked on the floor or a radial drill press by using the auxiliary ground terminal and chucking the head into the radial drill press. Air can be used as a cooling agent where liquid is prohibitive.

A screw-feed is used for working the radial arm up and down the column. The radial arm is adjustable through 360° in all planes for faster job set-up and allows the disintegrating head to operate at any predetermined compound angle or position.

Utility Fan

Hartzell Propeller Fan Co., Piqua, Ohio—A utility fan on wheels, especially designed for use where its location must be changed frequently.

This Hartzell Wheel Model Utility Fan is mounted on a handled steel rod framework equipped with 15" metal wheels. It is cradled so that sufficient weight is

Electric Powered Stacker

Automatic Transportation Co., 149 W. 87th St., Chicago 20, Ill.—A compact electric powered stacker that can tier goods 11 feet high in aisles only six feet wide.

The new materials handling unit, called the "Transveyor," was introduced recently by the Automatic Transportation company, 149 West 87th street, Chicago, world's largest exclusive manufacturer of electric industrial trucks. It is for use where narrow aisles, close quarters, and limited floor or elevator capacity are factors.

The basic model of the Transveyor handles 2,500-pound, 48-inch long loads. There are two mast heights, 68 inches and 83 inches. The former provides 102½ inches of telescopic lift and the latter 122½ inches. Other models are available to handle equally long loads weighing up to 4,000 pounds.

Automatic's engineers report that the Transveyor is the only battery-powered industrial truck in its field with four wheels having three-point suspension. This provides balanced action, which automatically equalizes the load on both front wheels regardless of floor conditions.

Safety Can

Eagle Manufacturing Co., Wellsburg, W. Va.—A newly designed Safety Can, listed and labeled by Underwriters Laboratories, Inc.

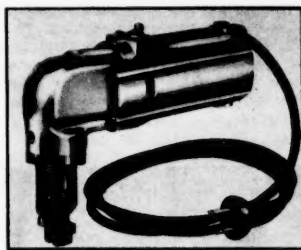
The new Eagle Safety Can meets the requirements of all states and municipalities having safety laws for the handling, transporting and storing of gasoline and other flammable liquids and fills the need for an Underwriters approved and labeled Safety Can for all industries where this precaution is essential to protection of plant, personnel and fire insurance rates.

The can, it is claimed, provides important exclusive Eagle features in design and construction which makes it unusually convenient, efficient and economical to use. The Eagle Safety Can is available in three sizes—1 gal., 2½ gal., and 5 gal. capacities.

Portable Nibbler

Fenway Machine Sales Co., Inc., 20 S. Fifteenth St., Philadelphia 2, Pa.—A new portable nibbler that cuts through 14 gauge stainless steel, C. R. steel, galvanized iron, and softer materials in proportion without distortion on either side.

The "Little Wonder" Nibbler also cuts holes in tubes and ducts without damaging in any way the original contour. This nibbler is extremely accurate, and can



"Little Wonder"

be used as a hand tool or easily mounted in a vice for bench operations. Minimum cutting radius is ¾".

In a rugged aluminum casting, the "Little Wonder" Nibbler weighs only 7½ pounds. It is 10" long, comes equipped with a Universal motor, 3 conductor 8 foot rubber cord and connections. Anti-friction bearings are on all rotating parts. Gears are precision hardened. It is guaranteed against defects in materials or workmanship.

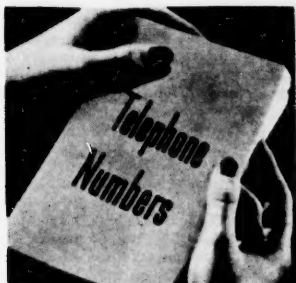
Thread Grinding Machine

Ex-Cell-O Corporation, 1200 Oakman Blvd., Detroit 32, Mich.—The new style 36 Ex-Cell-O Precision Thread Grinder is a large-capacity machine for grinding threads, worms and other forms. It has the flexibility required for toolroom work, the accuracy that precision thread and gage work requires and automatic cycles that speed production work. It will grind single or multiple threads, left or right hand, in any pitch from 1 to 128 threads per inch. It can be used with single- or multiple-rib grinding wheels. An attachment for grinding accurate internal threads also is available. Several types of diamond dressers may be used on the Style 36 Thread Grinder, the choice being determined primarily by the type of thread or form to be ground.

The relation of work spindle speed to table feed can be easily changed to produce various leads. This is accomplished by means of change gears. Most standard leads can be obtained by the use of a set of gears furnished with the machine.

Right- or left-hand threads may be ground simply by positioning a lever. Setting the lever to a neutral position permits indexing the work spindle for grinding multiple-start threads and worms. An automatic Indexing Attachment also is available.

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So write down the local and out-of-town numbers you already know. If there's a new number you don't have — or an old one you've forgotten — be sure to add it to the list when the operator gives it to you.

The Bell Telephone Company in your community will gladly give you a free Telephone Numbers Booklet.

BELL TELEPHONE SYSTEM



Industrial Development Tour Planned by Kentucky Chamber

How to develop and locate industry in Eastern Kentucky—that is the concern of businessmen and civic officials of the State's eastern corridor. Fifty representatives of that area will make a close study of this problem when they visit plants in the Central Kentucky area on October 8 and 9.

Known as the Kentucky Industrial Development Tour, this program was developed by the Industrial Development Committee of the Kentucky Chamber of Commerce, which recognizes the need for a stimulus to Eastern Kentucky's unbalanced economy. Acquainting leaders in those communities desiring new industry with the methods and responsibilities attendant to locating industrial plants in the community is set forth as the purpose of this tour by KCC President David F. Cocks, Louisville.

The tour, under the direction of Joseph A. Getzow, Harrodsburg, president of Sportleigh Hall, Inc., and regional vice president of the Kentucky Chamber of Commerce, will visit seven plants in the Bluegrass area. "We have selected plants which produce a variety of products," Getzow said. "The eastern Kentucky representatives will have an opportunity to observe operations in plants making apparel, shoes, rubber parts, light bulbs, pencils, refrigerator parts, and radiators. We feel that any of these manufacturing operations that we will visit could effectively operate and be welcome additions to an Eastern Kentucky community."

The tour will leave Lexington at 8:00

a.m., Wednesday, October 8 for Lebanon where the group will visit the Lebanon Manufacturing Co., producers of ladies' wearing apparel. From there the tour will head for Danville and a visit to the General Shoe Corp. The Berea Rubber Co., Berea, and Westinghouse Electric Corp., Richmond, are scheduled for afternoon tours. On the morning of the second day, the group will be conducted through Maillard Pencil Co., Georgetown, and The Kawneer Co. plant at Cynthiana, which manufactures refrigerator parts and metal fabrications for government sub-contracts. The last plant on the tour's itinerary is that of the Electric Steam Radiator Corp., Paris, which manufactures radiators, electric bottle warmers, and similar heating apparatus.

"We are interested in helping those people who desire help," Getzow said, explaining that a tour of the plant facilities is but a small part of the program outlined by the Kentucky Chamber. "We want the business and development leaders of Eastern Kentucky to talk with the top management of these plants so that they might gather first-hand information on what an industry looks for in a community in which it would like to locate and operate a plant."

"Of equal importance," Getzow continued, "is the opportunity these leaders will have to discuss what a community must do to prepare for industry. The men who can best give them this information are the business and civic leaders of the communities who have successfully located industry." Time has been allotted in each city on the tour for these discussions.

State Chamber officials indicate that the two-day trek will be made by

chartered bus. R. M. Watt, Lexington, president of Kentucky Utilities Co., is chairman of the State Chamber's Industrial Development Committee, under whose direct supervision the tour is being conducted.

Jefferson Chemical Announces Half-Million Dollar Expansion

The start of a half-million dollar expansion program of the Jefferson Chemical Company's research laboratory facilities in Austin, Texas was announced by company officials on September 30.

The two new buildings will cover a ground space of 60' x 200'. They will provide bench space for approximately 50 additional chemists along with added office and library space.

The new expansion of the laboratories, specializing in research in the petroleum based chemicals, was based in part on the successful introduction of new chemicals which had been developed in the existing laboratories during the past year.

Arkansas P&L

(Continued from page 37)

1926, Mr. Ritchie became assistant to Mr. Frank M. Wilkes, then general manager and now president of Southwestern Gas & Electric Co. A year later he returned to Mr. Couch's office as assistant to the president. He kept this title, but picked up a new one upon being moved to heavier duties at Little Rock in 1935. That year he was named Little Rock Division manager, and later, a vice president.

He was relieved of the division manager's job in 1946 by R. Bly Wagner, and was elected senior vice president in 1949 upon the retirement of executive vice president Cecil S. Lynch.

A native of nearby Morristown, Tenn., Mr. Ritchie moved with his family to Fort Worth when he was 11. He attended Fort Worth schools and worked as a grocery boy on Saturdays to help the family.

He got a job in the office of the general manager of the Fort Worth and Denver Railroad in 1910, and his railroad career continued until he joined AP&L.

In a statement commenting upon his resignation as president of the utility company, Mr. Moses said in part: "Through my long years with the company, I have been inspired by the loyalty, spirit and devotion of those who have worked cooperatively in making the Arkansas Power & Light Co. a truly great institution, dedicated to the building of the state and its people. To all of this group I express my heartfelt appreciation."

Mr. Moses has long been a leader in Southern industrial development work, and may well be proud of the obvious signs of progress made toward this end that abound in the South of today.

New Home For Acme Brick



This is the recently completed home office of the Acme Brick Co. in Fort Worth, Texas. The building provides 22,800 feet of floor space and is surrounded by parking space for approximately 50 automobiles. Acme manufactures a complete line of fire brick and other refractory products for industrial purposes. The building, now open for business also houses the Abco Furnace Division of Acme.

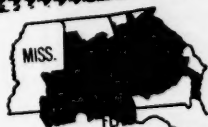
SOUTHERN FIBERS

CLOTHE THE NATION!

The next time milady steps into a store, the chances are that the clothes she buys—lingerie, hosiery, dresses for herself, blue jeans for the teen-agers, and socks and shirts for her husband—are made of fabrics processed in the South.

For textile manufacturing, ranging from cottons to wools and the modern synthetics such as rayon and nylon, is one of the South's largest industries. Today, Southern textiles employ over a half million people who produce approximately five billion dollars worth of goods every year.

The development of new synthetics has led to an even broader diversification of textile products. The result is a continuing increase in the buying power and financial resources of this rapidly growing region which is attracting nationwide attention through its sound industrial and agricultural progress.



This is "SOUTHERN CITY," U. S. A., our way of expressing as a unit the vast Southeast area served by the four associated electric power companies in The Southern Company system.

ALABAMA POWER COMPANY, Birmingham, Alabama
GEORGIA POWER COMPANY, Atlanta, Georgia
GULF POWER COMPANY, Pensacola, Florida
MISSISSIPPI POWER COMPANY, Gulfport, Mississippi
THE SOUTHERN COMPANY, Birmingham • Atlanta



Julius Kayser Opens New Finishing Plant in S. C.

Operations have begun in the Julius Kayser Company's new full fashion finishing plant in Liberty, South Carolina.

Part of a ten year expansion and improvement program, representing a remodeling investment of approximately

\$8,000,000 and an investment in new plants and equipment in the neighborhood of \$6,000,000, this plant is the fourth unit Kayser has located in South Carolina.

Built by the Daniel Construction Company, builders of all Kayser's South Carolina plants, this new plant will handle all the finishing of the Kayser full fashioned hosiery produced in the South.

Central of Georgia Plans 100% Dieselization

The Central of Georgia Railway, Savannah, Ga., with its nearly 2,000 miles of line in Alabama, Georgia and Tennessee, has initiated plans to bring about 100 per cent dieselization of its motive power.

Just placed on order are 24 diesel electric locomotives which, when delivered, will complete the dieselization program of the Central's freight and yard service. Passenger operations are already fully dieselized.

To cost approximately \$3,140,000, the 24 units consist of twelve 1600-horsepower diesel electric road switchers and

twelve 1200-horsepower units, the latter for branch line and switching service. Delivery is promised between November and February 1953.

Added to the 99 already in service, the 24 new ones will bring the Central's diesel locomotive fleet to 123 units.

Central officers said, however, that they plan to keep 30 of the largest and best steam locomotives "just in case they might be needed in an emergency." The Railway's other steam units will be scrapped.

In other action, the Central announces it has placed an order for fifty 70-ton covered hopper cars, at a cost of \$368,000, to be used in the handling of dry bulk commodities.

Industrial Development Office Opened by Central of Ga. in N. Y.

Communities and cities in the Southeast have been given a shot in the arm industrially with the announcement by the Central of Georgia Railway and Savannah & Atlanta Railway of the establishment of a New York office for industrial development.

Walter R. Brown, Manager of the Albany Chamber of Commerce and widely known for his success in industrial activities, will be General Industrial Agent in charge.

Purpose of the office, said Harrell L. Perkins, Vice President of industrial development, will be to inform industry of the rapidly growing Southeast and to lend assistance to communities in attracting industries interested in decentralization and location of plants in this area.

"There are in the territory of Alabama, Georgia and Tennessee served by the Central of Georgia and the Savannah & Atlanta, many industrial centers including the fast expanding port of Savannah," Mr. Perkins pointed out. "It is our plan and desire to make easily available



W. R. Brown

to the nation's industrial leaders the story of the Southeast, her great expansion, her economic advantages, her climate, her abundant and skilled labor, her expanding markets, and her modern dieselized transportation facilities.

"Our aim, briefly, is to help the hundreds of communities, small and large, along the Central and S. & A. to grow through assistance to them in telling their industrial story. We cordially invite individual citizens and civic groups to visit us at any time, and to ask us for assistance with their problems. We maintain a complete staff of industrial agents, engineers, and consultants in order to be of maximum service and assistance."

Location of the New York City office is 630 Fifth Avenue.

Headquarters of industrial development for the Central and S. & A. are in the Rhodes-Haverty Building, Atlanta. This office represents 2,000 miles of railroad mainline on which in the past 10 years more than 1,100 industrial concerns have located or expanded.



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Quality Metals

Aluminum, Babbitts, Brass and
Bronze Ingots, Lead, Lead
Alloys, Solders, Type, Zinc

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Canton Railroad Expanding Ore Loading Facilities

Ore unloading facilities of the Canton Railroad in the Baltimore harbor here are being expanded and modernized to speed up the transfer of incoming ore from ships to railroad cars.

The plant when completed will have a maximum rated capacity of 3,000 tons an hour, about double the present tonnage. It will be equipped with a giant conveyor system which can speed the ore from the ship to shore at the rate of 50 cars (60 tons to a car) an hour. The actual weighing capacity at the track bin can be increased beyond this rate in emergencies.

The expansion program was undertaken in anticipation of increased imports of iron, manganese, chrome and other ores coming in from new developments in Labrador, Venezuela, Brazil and Liberia, and at the same time to handle larger imports from older producing sources in Sweden, Yugoslavia, Turkey, Africa and the Far East. Ore imports are increasing due to depletion of reserves in the United States.

The Canton Ore Pier is located on the north bank of the Patapsco River. A 90-foot wide, finger type pier, it extends 1,253 feet south into the river. The ship berths on the west side are dredged to a depth of 35 feet. Four standard gauge railroad tracks, each with a capacity of 35 hopper cars, extend the full length of the pier. The Canton Railroad moves the loaded ore cars to interchange tracks where they are picked up by three trunk line carriers serving the port—The Baltimore and Ohio, the Pennsylvania and the Western Maryland.

Before the modernization program was undertaken, two cranes on the pier scooped the ore up out of the ships and discharged it directly into railroad cars.

When the new conveyor system goes into operation in October, the Canton facility will be the only one on the East Coast which will have both a crane system to unload directly to cars and a conveyor system which passes through a weighing station to cars. Not only will the installation be able to handle the unloading of large ore boats at great speed but it will continue to handle split shipments consisting of several types of ore in a single vessel.

The conveyor system, designed and installed by Robins Engineers Division of Hewitt-Robins Incorporated, features two 48-inch wide belt conveyors totalling more than 1,600 feet in length. The main belt running along the docks will be fed for the time being by two ship unloading cranes. Each one is designed to handle 1,000 tons an hour. A third ship unloading crane of at least 1,000 tons capacity is scheduled to be placed in operation in the second quarter of 1953. Thus when all three unloading towers become operative, the conveyor will be able to move 3,000 tons an hour.

GRAND OPENING

OCTOBER 31—NOVEMBER 1



You're invited...

to Atlantic Steel Company's Warehouse Division Open House and Trade Show

THERE'LL BE BIG DOINGS in Atlanta come October 31 and November 1.

That's when our brand-spanking new warehouse and facilities make their debut.

In celebration of this big event, we are holding a two day *Open House and Trade Show* for our customers, suppliers and other friends.

You'll see exhibits of the latest uses of stainless steels for the dairy, textile, pulp and paper industries and hospitals—as well as chemical, automotive and food industries. And there'll be exhibits of the products our warehouse customers make of expanded metals, cold drawn steel, and copper, as well as carbon steels.

There'll be a playground and movies for the kids and refreshments for all.

We want you to come and see for yourself how our new warehouse and facilities will enable us to serve our increasing number of customers better than ever.

Service In Step With Southern Progress

WAREHOUSE DIVISION

Atlantic Steel Company

ATLANTA, GEORGIA • EMERSON 3451

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DRAFTING-TABLES**
AT A PRICE YOU CAN AFFORD TO PAY

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80" x 32" BOARD
EASILY ADJUSTABLE
HEIGHT AND TILT

FEATURES:

- 1 RIGID CONSTRUCTION
- 2 RUST-RESISTANT METAL-PARTS
- 3 REVERSIBLE FOR LEFT-HANDED
- 4 ARMORED FOOT-REST
- 5 STAINLESS STEEL EDGING AT LEFT
- 6 ENAMEL-FINISHED WOOD-BASE
- 7 BOARD OF 1 1/2" PLYWOOD
- 8 SHIPPED FLAT—CAN BE ERECTED
IN TEN MINUTES WITHOUT TOOLS

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WHO'S WHERE

Appointment of **Harry A. Steinmeyer, Jr.**, of 9564 Park Lane, Ladue 17, Missouri, as sales representative in the state of Missouri, is announced by the **D-A Lubricant Company, Inc.**, of Indianapolis, makers of heavy duty lubricants for construction equipment.

A graduate of Washington University, St. Louis, Missouri, Mr. Steinmeyer has had a number of years' experience in the heavy-duty construction equipment field. He was associated with the Missouri-Illinois Tractor & Equipment Company, of St. Louis, from 1946 to 1952. He served from 1942 to 1946 in the U. S. Marine Corps and again in 1950 to 1951. He returned from Korea in November, 1951, having attained the rank of Major.

Mr. Steinmeyer has recently completed an intensive training program with the D-A Lubricant Company, Inc.

The **W. A. Riddell Corp.**, Bucyrus, Ohio, has appointed **Bruce W. Goodspeed** factory representative in the southeastern states. A. William McGraw, Jr., manager of sales of the Road Machinery Division announced recently.

Mr. Goodspeed has been associated with the construction business for many

years, with offices at 706 E. Grace Street, was also announced. Mr. Rhodes succeeds **Mr. R. W. Kelley**, resigned.

G. V. Leece, vice president and general sales manager of **Gardner-Denver Company**, has announced the appointment of **Robert G. Caldwell** as district manager of the company's branch office in **Atlanta, Georgia**. Mr. Caldwell succeeds



R. G. Caldwell

H. G. Little, former district manager of the Atlanta Branch, and a member of the Gardner-Denver Company since 1935. Mr. Little has bought an interest in the Central Machinery Company of Miami, Florida, a Gardner-Denver distributor.

The new district manager, Mr. Caldwell, has a wide acquaintance among Southern business men. He has been associated with the Gardner-Denver Company for the past twelve years, ten years as a salesman at the Houston Branch Office and, for the past two years, as resident salesman with headquarters at Corpus Christi, Texas.

Gardner-Denver Company manufactures pumps, air compressors, rock drills and other pneumatic products which are widely used by industry, mining and construction.

L. J. Hennen, traffic representative has been named general agent for the **Frisco Railway** at Chattanooga, Tenn. E. G. Paker, general traffic manager, announced recently.

Frisco offices are in the Chattanooga Bank Building.

Hennen joined the Frisco in February, 1934, as an office boy in St. Louis. He became secretary to the traffic manager at Kansas City, Mo., in 1939 and was transferred to Omaha, Neb., in 1940 as chief clerk. After four years' army service, he held the post of Frisco traffic representative at Chicago, Blytheville, Ark., Memphis, Tenn., and St. Louis.



B. W. Goodspeed

years and has wide experience in the sales and servicing of construction equipment. As a Riddell factory representative he will work closely with distributors and owners of WARCO motor graders, both the 4D-100, 100 hp. model and the new 4D-85, 85 hp. model. His appointment is in line with a continuing program of expansion undertaken by the Riddell firm at the start of the year, to broaden its sales and service facilities.

The **Seaboard Air Line Railroad Company** recently announced the following appointments: **Mr. M. Y. Ross, Jr.**, has been appointed City Passenger Agent, Atlanta, Georgia, with offices at 1202 The 22 Marietta Street Building. **Mr. F. A. Stone**, Traveling Passenger Agent has retired.

The appointment of **Mr. R. H. Rhodes** as Traveling Passenger Agent, Rich-

Atlantic Steel to Occupy New Warehouse this Month

Atlantic Steel Company's new Warehouse Division building is being rushed to completion, and will be ready for occupancy by late October, according to Robert S. Lynch, company president.

Marking the opening of these new facilities, the Warehouse Division will hold a two-day Open House and Trade Show on October 31 and November 1.

The new warehouse building, located at Fourteenth Street and Northside Drive, is adjacent to the West By-Pass and the Southern Railway.

Costing \$500,000, the building is of steel and brick construction, with the 460 foot x 140 foot warehouse area on one level.

Mr. Lynch said the modern design and lay-out of the building will permit the most efficient handling and stocking of warehouse products and will assure prompt service to the customer.

Exhibits and displays will be featured during the company's Open House and Trade Show. In addition to the full line of steel warehouse products, visitors will see a wide variety of fabricated metal products produced in the South.

One feature of the show will spotlight the versatility of stainless steel, and its use by some of the major industries. Individual displays, ranging from 32 to 44 feet in length, will be built to exhibit stainless steel equipment used in Dairy, Textile, and Pulp and Paper industries. Another display will show the stainless steel utensils and equipment used in Hospitals.

A number of Southern metalworking plants and fabricators, using the company's carbon steel and other materials, have been invited to participate in the Trade Show with exhibits of their products.

Featured also will be displays showing the uses of other materials carried by Atlantic Steel's Warehouse Division, such as cold drawn steel, expanded metal and copper.

Houston Port Reports Largest Land Purchase

The largest single land purchase in the recent history of the Port of Houston has been announced by the Port Commission as part of its long range program to assure the port ample room for future expansion.

This latest purchase—226 acres for \$1,304,000—gives the port authority an additional 4500 feet of Ship Channel frontage in the Turning Basin area.

In a series of moves over the past several years, the Commission has purchased land worth more than \$3,800,000 for development of port facilities to match increasing business.

The Commission has been acquiring land steadily since 1942 in a forward-moving program designed not only to provide new facilities, but also railroad car storage area, and silt disposal sections for dredging work.

It was the second time within a year that a million-dollar purchase had been made. In 1951, an 840-acre tract for future port development was acquired at a cost of approximately \$1,000,000.

On a 15-acre tract of this latter land, a 200-rail car storage area already has been constructed. It is planned that this area will eventually accommodate 1000 cars.

Bendix Names Bode Industrial Relations Head

A. Howard Bode has been named Director of Industrial Relations for the

Bendix Radio Division of Bendix Aviation Corporation. The appointment was announced by Edward K. Foster, Vice President and General Manager of the Towson, Md., electronic firm.

Mr. Bode, who has been with Bendix Aviation Corporation since 1934, comes to the Radio Division from the Scintilla Magneto Division in Sidney, New York, where for the past five years he had directed the industrial relations programs of that Division. Previously, Mr. Bode has been associated with the Corporation's Central Industrial Relations Department in South Bend, Indiana, and the Experimental Engineering Division in Detroit.



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FINANCIAL NOTES

The merger of **E. R. Squibb & Sons** into **Mathieson Chemical Corporation** has been approved by the shareholders of both corporations, according to an announcement made by Thomas S. Nichols, president of Mathieson.

The overwhelming and favorable response of stockholders to this merger is reflected in the vote at special meetings of both companies held on September 30. Eighty-three and four-tenths per cent of the outstanding 3,142,754 shares of Mathieson common stock, owned by nearly 19,000 stockholders, voted favorably at their meeting with less than six-tenths of one per cent voting against the proposal. At Squibb's meeting stockholders representing 87.7 per cent of the stock eligible to vote were in favor of the merger and only one-half of one per cent voted against it.

This stockholders' response is the greatest since Mathieson started its broad expansion program in 1948 when Thomas S. Nichols became president. During this period Mathieson's assets increased from \$65-million to nearly \$275-million at the present time, and its sales have grown from \$24,600,000 to nearly

\$250-million, which is the rate at which sales are expected to run following this merger.

The broad expansion of the corporation during the past four years has been the result of a desire on the part of Mr. Nichols and the board of directors for greater diversification of products and merchandising outlets, expanded development and research and improved service to consumers of its products.

* * *

Net income of the **Baltimore and Ohio Railroad** for August was \$2,865,280, an increase of \$397,140 as compared with August 1951. This was brought about in the face of a decrease in railway operating revenues for the period of \$486,963, and was the result, largely, of substantial decreases in maintenance of equipment, transportation and equipment rent charges.

B & O's net income for the first eight months of this year was \$14,289,118, an increase of \$3,240,739 as compared with August 1951. This increase was earned in the face of a decrease of almost \$10,000,000 in operating revenues for the period, and was made possible by substantial decreases in operating expenses, railway tax accruals and equipment rents.

Ratio of operating expenses to operating revenues for the eight months period of this year was 80.74 or nearly 1.5 points less than for the same period of 1951.

* * *

Net earnings of **International Minerals & Chemical Corporation** for the fiscal year ended June 30, 1952, were \$6,653,251, an increase of 2 per cent over \$6,514,130 for the previous year, according to the corporation's annual report for the fiscal year made public Sept. 15. Earnings before income taxes were \$9,678,251 compared with \$9,639,130 for the previous year.

Earnings per common share amounted to \$2.90 on the 2,161,511 shares of common stock outstanding June 30, 1952. This compares with \$3.06 per share on

the 2 million shares of common stock that were outstanding June 30, 1951.

Net sales for the year ended June 30, 1952, were \$84,570,447, or 28 per cent higher than sales of \$66,257,884 during the previous fiscal year.

In a letter to stockholders accompanying the report, Louis Ware, president, said,

"Sales of the corporation's products continue to show satisfactory increases over previous years. However, operating margins were narrowed by increases in costs without compensating advances in product prices, by the need for obtaining some materials from other than normal sources, and the unavailability of some materials in required quantities and the substitution of other materials at higher costs.

"The net sales for the year were \$84,570,447, an increase of 28 per cent over the sales of \$66,257,884 last year, and an increase of 45 per cent over sales of \$58,402,180 for the year ended June 30, 1950."

* * *

Officers of **Carolina Power & Light Company** were authorized recently to proceed with the sale of \$20,000,000 in bonds, according to Louis V. Sutton, president and chairman of the board.

Directors met and authorized the bond sale. They also declared quarterly dividends of \$1.25 on \$5 preferred stock and 50 cents on common stock.

Proceeds from the bonds will be applied to the company's \$150,000,000 post-war expansion program, Mr. Sutton explained. He said the directors also approved an additional \$3,000,000 to the current budget to cover improvements in the territory formerly served by Tide Water Power Company, which was merged into the CP&L system last March.

The dividends declared are payable October 1 to preferred stockholders of record at the close of business September 17 and on November 1 to holders of common stock of record at the close of business October 10.

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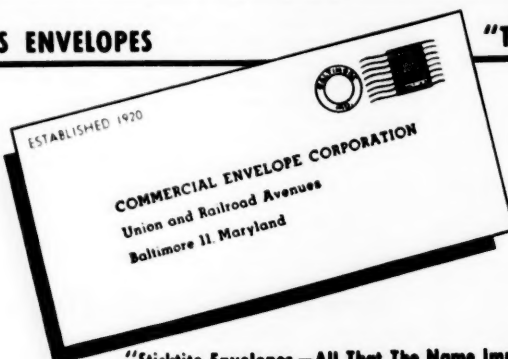
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- CATALOG
- COIN
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American Wood Products Corp. Announces New Veneer Mill

Speeding its 25th Anniversary Modernization Program, American Wood Products Corp., Marion, S. C., subsidiary of The American Box Co., 1900 W. 3rd St., Cleveland, Ohio, has acquired a new veneer mill at Millry, Ala., to increase veneer supplies for stepped-up container production at both plants.

New mill operations are under the direction of Vice President, Henry S. Kubes, Manager of Manufacturing and Purchasing, R. L. Finan, Manager of the Marion plant is Mill Manager.

According to George H. Kubes, President, the entire output of the mill's rated capacity of 250,000 ft. per month is to supplement the veneer production of the Marion plant—boosting it approximately 50%. The Marion facilities include thousands of acres of company-owned timber tracts for supplying veneers, cleats, etc. He added that all current sources of materials will continue to supply the two factories as usual. Efficient mill-methods and close proximity to timber are actually lowering material costs, it was stated.

Future plans tentatively include the installation of manufacturing machinery and equipment for producing wirebound containers, wood-cleated panel boxes and wood box shooks, thus adding a third, full-scale plant to the company's facilities.

Fifty-one-year-old American Box and its subsidiary American Wood Products

Corp. constitute one of the nation's leading designers and manufacturers of "Wirebounds," palletized tote boxes.



H. S. Kubes

R. L. Finan

wood-cleated panel boxes and nailed-wood containers for industrial products, fruits, vegetables, poultry and meat packing.

Carolina Power & Light Offers East More Power

Carolina Power & Light Company tied its new coastal area more securely to the old system on Sept. 15 by energizing a new 110,000-volt transmission line from Goldsboro to Wilmington.

The new line gave the company its third high-voltage tie to the new territory acquired by merger of Tide Water Power Company into the system March 1. The old lines extended from Lumberton on the west and from Goldsboro on the north, by way of Jacksonville.

Over 90 miles long the new line is a major step toward releasing power from the big new plants at Goldsboro and Lumberton into the company-wide system. The project required 18 months for completion.

J. A. Jones, superintendent of transmission, pointed out that the new line will be able to handle over 50 per cent more load to the Wilmington area and will permit handling the Wilmington loads with either of the older lines out of service.

Routed by Mount Olive, Beulaville and Wallace, the new line is more centrally located and will permit future loads in this area to be served directly from the 110,000-volt line whenever feasible. The million-dollar project included a 10,000-kva substation at Wallace.

"This will give Wilmington a more stable supply of power," Jones said, "and it will put the area in a position to take on additional load. Say a single customer requiring as much as 10,000 kilowatts."

"Our transmission system is being expanded with a view to enabling the company to deliver its surplus power whenever and wherever new industry, new business or new population growth may require it."

Since January, the company has put 97.3 miles of high-voltage line into operation and expects to energize another 58.7 miles this month. An additional 113.7 miles are scheduled and their planning is "already beyond the talking stage," Jones said.



High grade gas, by-product, steam and household stoker coal from Wise County, Virginia, on the Interstate Railroad.



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High volatile domestic, steam and by-product coal from Boone and Logan Counties, W. Va., on the Chesapeake & Ohio Ry.



Genuine Pocahontas from McDowell County, W. Va., on the Norfolk & Western Railway.



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Mississippi Valley Gas Buys Mississippi Gas Properties

The sale of Mississippi Gas Company's gas properties to the Mississippi Valley Gas Company became final September 15. Sold for about \$3,300,000, the gas properties consist of twenty-five towns in Central and Eastern Mississippi. This new acquisition of Mississippi Valley Gas Company adds 25,000 customers to the company's system making a total of over 100,000 customers now being served by Mississippi Valley Gas. Sale of the gas properties was completed in New York City when Minor Summers, President of Mississippi Valley Gas Company, formally received the deed for the properties from H. K. Griffin, President of Mississippi Gas Company and in turn presented Mr. Griffin with a Mississippi Valley Gas Company check in payment.

Officiating at the close of the sale were Mr. Griffin and P. E. Behr, Secretary and Treasurer, both of Mississippi Gas Company. Representing Mississippi Valley Gas Company, in addition to President Minor Summers, were T. W. Crockett, Executive Vice President and F. M. Featherstone, Secretary and Assistant Treasurer.

Mississippi Valley Gas Company is the new gas utility which was formed in November of 1951. Last March 14th it acquired Mississippi Power & Light Company's natural gas properties consisting

of 52 towns, cities and communities in Mississippi. That transaction was the largest sale of public utility holdings in the history of Mississippi. Now, with the acquisition of Mississippi Gas Company's properties, the new company has become the major gas utility in the state.

Minor Summers, President of Mississippi Valley Gas, began his utility experience in 1929 when he joined Arkansas Power & Light Company. He remained with that company until 1944 when he went with the Arkansas Public Service Commission as chief accountant. In 1948 he became assistant to the president of Arkansas Power & Light Company and in 1950 he became President of Mid-South Gas Company, which he still serves as a director. T. W. Crockett, Mississippi Valley Gas Company's Executive Vice President, also has a long record in the utility field. Before joining Mississippi Valley Gas Company he was with Mississippi Power & Light Company; as was F. M. Featherstone, Secretary and Assistant Treasurer of the company.

Koppers "Loans" Keeling To NPA Chemical Division

T. C. Keeling, Jr., Assistant Vice President and Chemical Division Sales Manager of Koppers Company, Inc., became Deputy Director, Chemical Division of the National Production Authority at Wash-

ington, D. C., on September 19, it was announced recently.

Dan M. Rugg, Vice President and General Manager of the Koppers' Division, said that Mr. Keeling was being "loaned" to the government for a six-months' term at the request of George E. Holbrook, Director of the Chemical Division, NPA. Mr. Keeling will return to his duties with Koppers on March 15, 1953.

National Production Authority's Chemical Division is responsible for distribution controls on chemicals vitally needed in the present defense effort.

A native of Baton Rouge, La., Mr. Keeling was graduated from Massachusetts Institute of Technology in 1935 with a Bachelor of Science degree in Business and Chemical Engineering administration. After six years in sales work in New York, he entered Army service in the Office of the Undersecretary of War. In October, 1942, he became Chief of the Chemical Section of the Army Service Forces, a post which he held for the duration of the war.

He joined Koppers in November, 1945, as Sales Manager for the Tar and Chemical Division and was made Sales Manager of the Chemical Division upon its formation in August, 1946.

During Mr. Keeling's absence from his duties at Koppers, C. H. Pottenger, Assistant Sales Manager of the Division will serve as Acting Manager.

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BUSINESS NOTES

Appointment of **Oscar A. Bamberger** and **Lowell M. Immel** to key operating positions at **Republic Steel Corporation's** Central Alloy district in Massillon and Canton, Ohio, was announced recently by E. R. Johnson, district manager.

Bamberger was appointed an assistant district manager, with headquarters in Massillon.

Immel succeeds Bamberger as superintendent of the Canton steel plant. He was superintendent of the blooming mills at Canton until his new appointment.

The appointments follow the announcement earlier of Johnson's promotion to district manager from assistant district manager. Johnson succeeded George W. Putnam, who has been transferred to duties as a consultant for the entire Republic organization.

Bamberger has been associated with Republic or predecessor companies for 34 years. He had been superintendent of the Canton steel plant since 1946.

Immel has spent his entire career of 34 years with Republic or predecessor companies. He was superintendent of the Canton blooming mills for six years.

C. Douglas McCrossin has been elected vice-president in charge of sales of **The Paving Supply and Equipment Company** of Washington and Baltimore, it was announced last month by Harris H. Thomson, president of the firm.

Mr. McCrossin has been in the construction business in the D. C., Maryland and Virginia area for the past 22 years and for the past ten years has been service manager of Paving Supply.

This action is part of the continuing expansion program of this organization. The Paving Supply and Equipment Company already had developed the Diesel & Ignition Company division of its operation to repair and service all types of diesel injection equipment and electrical systems on construction, marine and industrial machinery. Recently, this firm also acquired the Tool & Supply Company of Baltimore from the Ramset Company of Cleveland in order to handle their line of small equipment and to expand the small tool division of PS&E's operations.

In addition to Mr. McCrossin, Mr. H. Erskine Fraser was re-elected as secretary-treasurer of the firm, a post he has held since 1942.

Gustin-Bacon Manufacturing Company, of Kansas City, Mo., and New York, announces the appointment of **Edward A. McCabe** as manager of its New York division. Mr. McCabe, who lives in Yonkers, will be in charge of all glass fiber insulation, industrial and railroad division sales in New England, New York, New Jersey, Pennsylvania and Delaware.

Mr. McCabe has been with Gustin-Bacon since 1942. Prior to that time, he was Special Engineer in the office of the executive vice-president of the New York Central System.

Skil Corporation is the new name of Skilsaw, Inc., Chicago manufacturer of portable electric and pneumatic tools. The change becomes effective October 1.

In announcing the change, company president Bolton Sullivan explained, "We have simply outgrown the name Skilsaw. During our 28 years history, the Skil product line has expanded from one portable electric saw to over 150 different Skil tools. This enormous expansion has left the name Skilsaw limiting in its descriptive value since we manufacture not only saws, but also many other types of portable power tools including drills, sanders, grinders, drivers and polishers."

The name Skil Corporation fits in directly with the Skil trademark used on the company's construction, industrial, automotive and home shop tools.

John Holmes, vice president, has been named special assistant to **Mr. K. C. Loughlin**, vice president and general sales manager, Textile Division, it was announced Sept. 2 by Harold Blanche, president of **Celanese Corporation of America**.

At the same time, **Mr. J. C. Cook** was named sales manager for knitted fabrics in the same Division.

"This change in organization," Mr. Blanche said, "is for the purpose of promoting the greater sale of yarn to the

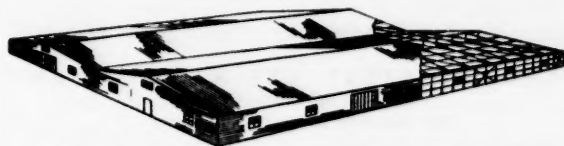
knitting trades and making more readily available information and techniques developed by Celanese as a result of its years of experience in the manufacture of knitted fabrics."

Gustin-Bacon Manufacturing Co., of Kansas City, Mo., and New York, announces the distributorship of the Southern States Iron Roofing Company for Ultralite glass fiber insulation has been extended to North and South Carolina. Southern States Iron Roofing already distributes the product in Tennessee, Virginia, Alabama, Georgia and Florida, through stocking points in Nashville and Knoxville, Tenn.; Richmond, Va.; Birmingham, Alabama; Savannah, Atlanta, Albany and Augusta, Georgia; and Tampa, Orlando, Jacksonville and Miami, Fla. New stocking points will be at Columbia, S. C. and Raleigh, N. C.

E. W. Beall, Jr. will be manager of the Columbia office and **Hugh Nash** manager of the Raleigh office.

Chicago Steel & Wire Company, mills at Chicago, Illinois, are pleased to announce the opening of a Baltimore office located at 32 East 25th Street. The new office is under the management of **Thomas A. Sutphen, Jr.** It will serve the Maryland, Delaware, Virginia and Eastern West Virginia area. The telephone number is Hopkins 7083.

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Steel Pail Plant To Open in Alabama

Gordon D. Zuck, President, announces the organization of Vulcan Steel Container Co., for the manufacture of steel pails in sizes from 1 to 12 gallons and the establishment of a new, modern plant in Birmingham, Alabama to serve the needs of the growing industrial South. This new plant was specially built and equipped solely for the manufacture of steel shipping containers for paint, chemical, food and petroleum products and complete warehouse stocks are maintained of all trade sizes. Hi-bake linings which meet the requirements of a wide diversity of food and chemical products are also available.

Mr. Zuck is well-known throughout the steel shipping container industry where he has been closely associated with all phases of manufacture and marketing for the past 19 years. He served on the Steel Shipping Container Industry Advisory Committee of N.P.A. and has been

active in a number of national associations devoted to the development of container specifications and their wider application to shipping needs and requirements. Mr. Zuck has travelled extensively in the South and has a wide acquaintance both with the leaders of industry and with the container needs for shipping. With the establishment of a manufacturing plant in Birmingham he will make his permanent home in the South where his vast knowledge will be immediately available to all manufacturers.

Merck to Erect New Warehouse in St. Louis

Merck & Co., Inc., manufacturing chemists of Rahway, N. J., has purchased a large standardized steel warehouse from the Luria Engineering Company for erection at 4545 Oleatha Ave., St. Louis, Mo., according to an announcement made last month by E. Gordon Ball, Jr.,

central district manager for Luria.

The new building, with 24,000 sq. ft. of storage space, will supplement the Merck company's present warehousing facilities at this central distributing point for a 24-state area.

Mr. Ball said erection of the rigid steel-frame structure, fabricated recently at the Luria plant in Bethlehem, Pa., has been started at the St. Louis site.

The one-story building will be 120 feet wide and 200 feet long, with an eave height of 16 feet, and three 40-foot-wide clear-span areas on the interior for ease in storing and moving merchandise about. The frame's sides will be covered by brick walls.

Statement of the ownership, management, circulation, etc., required by the Acts of Congress of August 24, 1912, and March 3, 1933, and July 2, 1946, of **MANUFACTURERS RECORD**, published monthly at Baltimore, Md., for October 1952.

1. That the names and addresses of the publisher, editor, managing editor and business managers are: Publisher, **Manufacturers Record Publishing Co.**, Baltimore, Md.; editor, **Wm. M. Beury**, **MANUFACTURERS RECORD**, Baltimore, Md.; managing editor, **Richard R. Harwood, Jr.**, **MANUFACTURERS RECORD**, Baltimore, Md.; business manager, **Frank Gould**, **MANUFACTURERS RECORD**, Baltimore, Md.

2. That the owner is **Manufacturers Record Publishing Company**, Baltimore, Md.; Stockholders are: **Frank Gould**, **MANUFACTURERS RECORD**, Baltimore, Md.; **Wm. M. Beury**, **MANUFACTURERS RECORD**, Baltimore, Md.; **Fleet-McGinley Inc.**, Baltimore, Md.

3. That the known bondholders, mortgagees and other security holders owning or holding 1% or more of total amount of bonds, mortgages or other securities are: None.

4. That the two paragraphs next above, giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company, but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association or corporation has any interest, direct or indirect, in the said stock, bonds or other securities than as so stated by him.

C. J. O'DONNELL,

Treasurer.

Sworn to and subscribed before me this 22nd day of September, 1952.

FRANK G. BEURY,

(My commission expires May, 1953.)

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NEW PLANTS

(Continued from page 16)

phosphorus and dicalcium phosphate, \$2,054,330 and \$381,684, respectively.

ELIZABETHTON — Tri-State Container Corp., \$365,000 plant. D. R. Beeson, Johnson City, Archt.

ETOWAH — City approved \$250,000 bond issue for building for Blocksom & Co., Michigan City, Ind.

GREENEVILLE — Greenville Cabinet Co. plans third story to its plant for offices and storage.

JACKSON — Jackson Electric Co. plans building Wm. C. Harris, Jr., Pythian Bldg., Archt.

KNOXVILLE — Southern Railway Co. has DPA approval for railway transportation, \$763,800.

MEMPHIS — W. R. Grace & Co., New York, N. Y., granted \$15,466,000 DPA certificate of necessity for chemical plant; probably be located in Woodstock section, north of city.

MEMPHIS — Lee Transportation Co. has DPA approval for motor freight transportation, \$91,200.

MEMPHIS — Rotary Lift Co., \$1,000,000 plant expansion; new plant to be in northeast part of city on Chelsea Ave.

NASHVILLE — Nashville, Chattanooga & St. Louis Railway has DPA approval for railway transportation, \$178,492.

NASHVILLE — Westinghouse Electric Corporation plans 250,000 kw steam-turbine generator units for TVA Gallatin plant near Nashville.

PITLANKI — Richland Mills plans modern feed mill.

TEXAS

TEXAS — Tennessee Gas Transmission Co. plans multi-million-dollar pipe line from Texas to Coudersport, Pa.

TEXAS — United States Pipe Line Company has approval of Petroleum Administration for Defense for 550-mile pipeline from Beaumont to Jackson and 1,045 miles from Jackson to Newark, crossing Kentucky, going through Columbus, Ohio, and Pittsburgh, Pa.

ABILENE — Campbell & Co., N. 2nd St. and Cypress, remodeling three-story office building, \$75,000. F. C. Olds, 158½ Cypress St., Archt.

AMARILLO — Tri-State Company, Arthur Price & Price Supply Co., plans \$53,800 building. M. Howard Ensigen, Archt.

ATLANTA — Jefferson Chemical Co. of New York, Dallas Highway, laboratory and administration building, Dallas Highway. Kuehne, Brooks & Barr, 203 Perry-Brooks Bldg., Archts.

BARTLETT — Southwestern Bell Telephone Co., 308 S. Akard St., Dallas, dial office building.

BAYTOWN — Humble Oil & Refining Co. has DPA approval for \$761,500 gasoline facilities.

BIG SPRING — Coca-Cola Bottling Co., \$125,000 plant. F. C. Olds Co., Abilene, Archt.

BROWNSVILLE — Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, to air condition building.

BRYAN — International Shoe Co., Edgar E. Rand, Pres., plans new processing plant, to contain approx. 70,000 sq. ft.

CALLALLEN — Central Power & Light Co. plans 66,000 kw power station, Lon C. Hill Station, Sargent & Landry, 140 S. Dearborn St., Chicago, Ill., Archts.-Engrs.

CORPUS CHRISTI — National Lead Co., New York, \$500,000 warehouse on Navigation Blvd.

CORPUS CHRISTI — Sunray Corporation, c/o Lummus Co., U. A. Saner, Purchasing Agent, 2707 Wesleyan St., Houston, plant office building.

CORSICANA — Continental Railways Bus System, 315 Continental, Dallas, alterations to bus station, \$34,743.

DALLAS — Bennett Printing Co., two-story addition, 1829 Corsicana, \$55,000.

DALLAS — Dallas Power & Light Co., 515 Park Ave., plans meter laboratory and storage \$138,286. Smith & Mills, 921 Mercantile Bank Bldg., Archts.

DALLAS — General Portland Cement Co. granted certificate of necessity for \$675,000 storage facilities.

DALLAS — Lone Star Gas Co., \$112,580 warehouse garage, 1133 Madison Ave. Till & Harrell & Assoc., 1913 San Jacinto St., Archts.

DALLAS — Pollock Paper Co., 2236 S. Lamar St., factory building, 1101 Alma St. Gill & Harrell, 1913 San Jacinto St., Archts.

DALLAS — Saladmaster Sales, Inc., Harry Lemmons, Pres., started work on office building, to be added to present office and warehouse facilities, 131-35 Howell St.

DALLAS — Singer Sewing Machine Co., office and warehouse, 6101 Cedar Springs Road, \$152,500. George L. Dahl, 2101 N. St. Paul St., Archt.

DALLAS — Taylor Publishing Co., 6404 Denton Drive, \$150,000 office and publishing building.

DALLAS — Zale Jewelry Co., William Zale, Vice-Pres., 400 N. Akard St., new warehouse and office building, Ervay and St. Louis Sts.

DEER PARK — Shell Chemical Corp., Shell Bldg., Houston, two-story addition to existing office and laboratory.

DEER PARK — Shell Oil Co. has DPA approval for \$378,000 petroleum storage facilities.

DUMAS COUNTY — Kerr-McGee Oil Industries, Inc., plans \$850,000 natural gasoline plant about a mile east of Etter.

FORT WORTH — Red Ball Freight Co., Inc., \$80,000 office and warehouse, 208 Ritta, T. D. Waller, 901 W. Vickery, Archt.

FORT WORTH — Texas Sash & Door Co., 201 N. Rupert, one-story warehouse, \$25,000. Herman G. Cox, 401 Neil P. Anderson Bldg., Archt.

FORT WORTH — Elmer Woolteridge, 209½ N. University Drive, has contract for office and warehouse, 208 Ritta, \$80,000. T. D. Waller, 901 W. Vickery, Archt.

FREESPORT — Dow Chemical Co. let contract for utility work. Mackie & Kamrath, 2713 Fernside Place, Houston, Archts.

GREGGTON — Nichols Rental Co., 1311 S. Ervay St., Dallas, \$33,000 warehouse and parts building, George W. Edwards, 1509-A Cochran St., Dallas, Archt.

GREGGTON — Southwestern Bell Telephone Co., Dallas, plans dial building.

HAMLIN — West Texas Utilities Co. has DPA approval for electric power facilities, cost approx. \$117,857.

HOUSTON — Anderson Clayton Co., Cotton Exchange Bldg., plans office building, Prairie Ave. bet. Austin and LaBranch, Milton Foy Martin, 3908 Main St., Houston, Archt.

HOUSTON — Best Rentals, Inc., 4602 S. Main St., plans office building, Indiana St. and South Sheppard Drive. Golemon & Roife, 5102 Travis St., Archts.

HOUSTON — Chicago Nipple Manufacturing Co., factory and office building, Lot 4, Supply Row Center.

HOUSTON — Commercial Petroleum & Transport Co. plans \$200,000 office building on Buffalo Drive near Waugh Drive.

HOUSTON — Dixie Chemical Co. negotiated contract with H. L. Lockhart, 203 Carson Court, for addition to office building, 718 N. Drennan.

HOUSTON — Grocers Supply Co., Inc., 10 N. Crawford St., warehouse addition.

HOUSTON — Haverty Furniture Co., \$70,000 warehouse, Dennis Ave. near Leek St. Charles W. Oliver, 2626 Westheimer, Archt.

HOUSTON — Houston "Chronicle" Publishing Co., \$275,184 warehouse, Harvey Wilson Drive and Gazin St., J. Russ Baty, 330 Bankers' Mortgage Bldg., Archt.

HOUSTON — Houston Supply Co., Inc., 1207 Maury St., industrial plant, N.W. cor. Armour Drive and Gazin St.

HOUSTON — Knight Manufacturing Co., 103 Eastway, one-story manufacturing plant, Armour Drive and Gazin St. Dursey & Elkins, 1917 Westheimer Road, Archts.

HOUSTON — The Lone Star Furniture Co., \$109,000 store, 4100 block Telephone Road. Joseph D. Krakower, 506 Avondale St., Archt.

HOUSTON — Phillips Chemical Co., wholly-owned subsid. of Phillips Petroleum Co., plans \$3,000,000 superphosphate plant at Adams Terminal on the Houston Ship Channel.

HOUSTON — The Shell Chemical Co., R. G. Wall, Pur. Agent, has new research laboratory underway.

HOUSTON — Sidney Schaefer & Co., two-story office building, 2200 Welch Ave. George & Abel Pierce, 4601 Montrose Blvd., Archts.

HOUSTON — Southern Specialty Co., 811 Franklin St., \$50,000 one-story warehouse, corner Rothwell and Chapman Sts.

HOUSTON — Southwestern Bell Telephone Co., Houston, \$40,000 addition to present building.

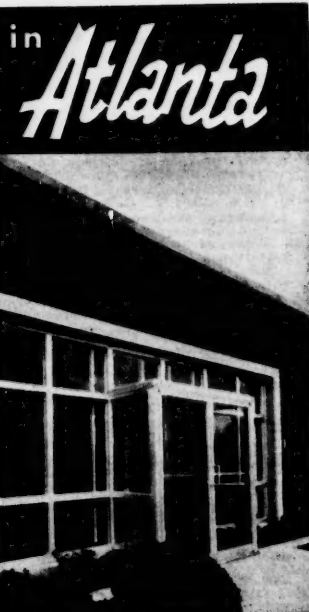
HOUSTON — The Stone Supply Co., \$45,000 plant, Armour Drive, bet. Gazin and Kress Sts. Harry A. Turner and Charles E. Geyer, 2502 Robinhood St., Assoc. Archts.

HOUSTON — Straus-Frank Co., 4000 Leland Ave., addition to present building, Lloyd & Morgan, 4625 Montrose Blvd., Archts.

SWEETWATER — Gulf, Colorado & Santa Fe R.R. Co. plans railroad station.

HOUSTON — Swift & Co., Union Stock Yards, Chicago, Ill., plan \$250,000 additions and alterations to refinery and packing plant.

(Continued on page 66)



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NEW PLANTS

(Continued from page 65)

HOUSTON—J. Weingarten, Inc., 600 Lockwood, \$400,000 warehouse.

HOUSTON—Wilson Supply Co., 1301 Conti St., remodeling office building, 1301 Conti St.

HOUSTON—Younger Brothers, Inc., 4904 Griggs Road, \$39,400 office building.

HUTCHINS—Southwestern Bell Telephone Co., 308 S. Akard St., Dallas, dial building.

LAREDO—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, to air condition building.

LONGVIEW—Southwestern Gas & Electric Co. plans power plant addition.

LUMBOCK—Morrison Supply Co., Leonard G. W. Cole, Mgr., 1949 Avenue G, warehouse remodeling, \$19,300. Butler-Brasher Co., 412 Avenue M, Archts.

McREGGORE—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., Dallas, telephone building.

PASADENA—Shell Chemical Corp., Shell Bldg., Houston, research laboratory at Houston Plant in Deer Park. Staub & Rather, 2814 Virginia St., Houston, Archts.

PLAINVIEW—Southwestern Public Service Co., has DPA approval for \$755,000 electric power facilities.

PORT ARTHUR—Gulf Oil Co. has DPA approval for \$506,000 refinery.

PORT ARTHUR—Texas Co. has DPA approval for \$582,083 pipe line.

ROBSTOWN—Jennings Chevrolet Co. plans garage and showroom building. Hamon & Co., 715 S. Tanehua St., Corpus Christi, Archts.

RUNNELS—Runnels Gas Products Corp. has DPA approval for \$3,414,714 gas facilities.

SAN ANTONIO—Charles & Sons, Fir St. chip steak processing plant. Addis E. Noonan Assocs., 803 American Hospital & Life Bldg., Archts.-Engrs.

SAN ANTONIO—Pearl Brewing Co., 312 James St., storage cellars, extension to bottling plant, etc. \$1,000,000.

SAN ANTONIO—A. R. Perez, c/o Richard Gill Co., 701 Center Bldg., Agent, plans one-story building, cor. Broadway and Davis Court, to be leased to The Rayco Co.

SILSBEE—Kirby Lumber Corp., Houston, granted certificate of necessity for kiln facilities for lumber. \$1,465,970.

SULLIVAN CITY—Southwestern Bell Telephone Co., M. C. Brown, District Mgr., McAllen, dial telephone building.

TEMPLE—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., Dallas, additions and alterations to office building.

TEXAS CITY—Monsanto Chemical Co. granted DPA certificate of necessity for \$1,628,250 vinyl resin factory.

VICTORIA—Central Power & Light Co., 111 W. Constitution St., \$106,560 addition and alterations to office building.

VICTORIA—Southwestern Bell Telephone Co., Dallas, plans dial building.

WACO—W. L. Gatlin, 2308 Gorman Ave., motor freight terminal, 3rd & LaSalle Sts., \$25,123. N. E. Wiedemann, 1118½ Franklin Ave., Archts.

WICHITA FALLS—J. P. Tarry Moving & Storage Co., 1101 Ohio St., \$58,853 warehouse and office building. Jesse G. Dixon, P. O. Box 1799, Archts.

WORTHAM—Mid-Valley Pipe Line Co., Longview, let contract for 20-in. oil pipe line, distance of 114 miles.

VIRGINIA

BLUEFIELD—Norfolk & Western Railways, P. C. Wingo, Supt. of Pocahontas Div., are eliminating two bridges and expanding railroad facilities, \$285,000.

COVINGTON—West Virginia Pulp & Paper Co. has received bids for work on second addition to main office. Smith & Boynton, Archts.

NORFOLK—Virginian Railway Co. ordered electrical equipment from Westinghouse Electric Corp. to replace electrical operating units and controls at Pier No. 2 of its coal handling facilities at Sewalls Point.

NEWPORT NEWS—The Chesapeake & Potomac Telephone Co. of Virginia plans Newport News-Warwick Dial Building, Section "A," Baskerville & Son, Archts.

PETERSBURG—Chesapeake & Potomac Telephone Co. of Virginia, telephone building. Carneal & Johnston, Archts.-Engrs.

RICHMOND—Sutliff Tobacco Co. plan branch factory. C. H. Hinnant & Son, 517 Church St., Lynchburg, Archts.

STENBRIGHT—Foote Mineral Co., Philadelphia, Pa., has lithium processing plant underway by Blaw-Knox Co.'s Chemical Plants Div.

WEST VIRGINIA

WEST VIRGINIA—Atlantic Seaboard Corp., Charleston, granted permission by FPC to build new compressor stations in West Va. on its line from Cobb, W. Va., to Rockville, Md.

WEST VIRGINIA—National Production Authorities approved allocation of controlled materials for the following: Carbide and Carbon Chemical Co., South Charleston, at \$1,315,000; Carbide and Carbon Chemical Co., Institute, at \$1,450,000; Columbia-Southern Chemical Co., New Martinsville, at \$2,225,000; Matheson Chemical Co., Morgantown, at \$200,000; Union Carbide and Carbon Co., South Charleston, two projects, at \$1,405,700 and \$187,000; Union Carbide and Carbon Co., Hastings, at \$2,308,000; Weirton Steel Co., Weirton, at \$94,000.

WEST VIRGINIA—United Fuel Gas Co., Charleston, granted permission by Power Commission to build 21.5 miles of pipe line

and 4,840 horsepower in compressor capacity to expand its underground storage operations in Wood and Upshur counties.

BECKLEY—A. T. Massey Coal Co., Inc., Richmond, plans nine-mile railroad spur, to cost approx. \$3,000,000, and expansion of coal mine facilities near Landisburg.

BRIDGEPORT—Wheeling Electric Co. plans \$114,120 transformer station.

MORGANTOWN—Matheson Chemical Corp. has NPA approval for \$200,000 tank-pipeline-dock project.

SOUTH CHARLESTON—U. S. Steel Corp. will reactivate three or four furnaces, a 14,000-ton press and quench tank in section of U. S. Naval Ordnance Plant.

Rotary Lift Establishes New Memphis Division

Formation of a new division to specialize in hydraulic lifts for industrial uses has been announced by Hugh Allan, President of Rotary Lift Co., Memphis, Tenn. This Industrial Division will be headed by Jack E. Burch as Sales Manager.

Mr. Burch has just moved to Memphis from St. Louis where he was Division Manager for Rotary. Prior to that time he worked with this hydraulic lift manufacturer in Chicago and Memphis.

Rotary was the pioneer in hydraulic lifts for handling heavy industrial loads. It originated and is now manufacturing a number of these lifts and will substantially increase its activities in this field. It will also handle engineering for special hydraulic lifts that may be required by the armed forces or by industry. Many such Rotary lifts were used during World War II and others have been developed for the atomic energy and guided missiles programs.

This company recently acquired a 27 acre tract of land in Memphis for the erection of a new plant to keep pace with its expanding business in auto lifts, freight and passenger elevators and industrial lifts.

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Distribution Planned For "The Industrial Store"

Dr. Ole S. Johnson, Chairman, Retailing Concentration, School of Business Administration of the Atlanta, Ga. Division of University of Georgia has just published his book called "The Industrial Store." The new book, the first of its kind on the subject, deals with the history, operation and economic significance of industrial or company-owned stores.

In addition to 166 pages of text matter, the book contains a valuable appendix and bibliography. It took Dr. Johnson three years to complete his research for the book, which in addition to excellent background material, contains a number of interviews with leading Industrial Store operators in West Virginia, Pennsylvania and Kentucky.

National Industrial Stores Association, Southern Building, Washington, D. C. has made arrangements with Dr. Johnson for the distribution of the book to association members, as well as interested schools, associations and groups in the Industrial Store areas.

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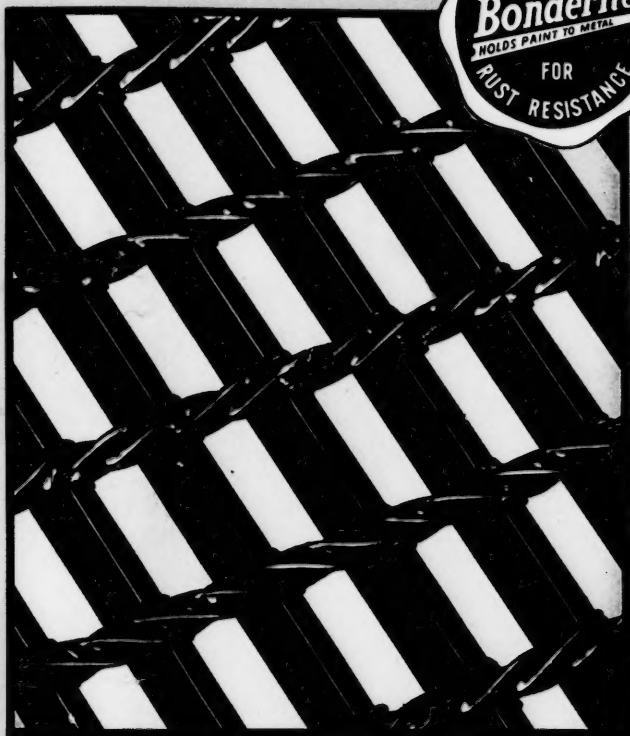
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